

# COXO<sup>®</sup>

Professional Dental Manufacturer  
Since 2003

Good Price

Better Quality

Suitable Delivery

Perfect Service

**Foshan COXO Medical Instrument Co., Ltd.**

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# COXO<sup>®</sup>

Professional Dental Manufacturer  
Since 2003



Catalogue 2024-1

COXO<sup>®</sup>

2024-1

2024-1



## COXO PROFILE

Foshan COXO Medical Instrument Co., Ltd. was established in 2003. It is a national high-tech enterprise focusing on the research, development, production and sales of dental medical devices. The main products are: Operating Microscope, Endo Motors, Dental Implantation Systems, Ultrasonic Surgery System, Root Apex Locators, Endodontic Obturation Systems, Dental Electrical Motors, LED Curing Lights, Dental High and Low Speed Handpiece, Teeth Whitening Accelerator, Dental Operating Light, etc.

COXO has an experienced core R&D team, lots of advanced testing, inspection and production equipment, and many national patents. COXO has passed ISO9001 and ISO13485 certifications, and its series of products have passed multiple quality certifications in China and abroad. COXO products rank among the top in the domestic market and have been exported to more than 120 countries and regions around the world, and are widely praised by users in China and abroad.

COXO invested heavily to build the "World Dental Device Museum", which collects thousands of dental equipment and instruments from dozens of countries and regions around the world in various periods, bringing together the crystallization of the history of the dental industry in China and the world into a museum, allowing The craftsmanship spirit of dental practitioners of past generations can be passed down and carried forward.

COXO adheres to the business philosophy of "pragmatic innovation, stable operation", continues to delve into the dental medical device industry, continuously expands product and service investment, and provides customers with better products and more considerate services.

## CNC Center



## Workshop



## Laboratory



## World Dental Device Museum





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# C-EXPLORER Ultrasonic Surgery Systems

Powerful  
Stable  
Multipurpose

01  
Ultrasonic Surgery  
Systems



US1



US2



US4



US5



UL3



UC1

Model:C-Explorer

Order code: C-EXPLORER

## Technical:

|                                    |                         |
|------------------------------------|-------------------------|
| Power-supply voltage:              | 100-240V 50/60Hz 150VA  |
| Device for intermittent operation: | 60s ON, 10s OFF         |
| Fuses:                             | 3.15AT 250V             |
| Flow:                              | 45-100ml/min            |
| Radial amplitude:                  | 8-63um                  |
| Tranverse amplitude:               | 1.5-12um                |
| Working tips frequency:            | 23.8kHz-32.2kHz         |
| Handle:                            | 130.3*Φ33.5mm           |
| Volume(cm):                        | 28×23×14cm              |
| Weight(kg):                        | 3.4kg                   |
| Tips (basic kit):                  | US1/US2/US4/US5/UL3/UC1 |

## Ultrasonic Surgery Systems



**Silent water pump**  
comfortable operating experience



**Multi-function foot pedal**  
control of multiple functions



**Tips kit**  
US1/US2/US4/US5/UL3/UC1

02  
Ultrasonic Surgery  
Systems

LED lighting

Separation design

## Multi-mode operation switch freely



Bone mode

- a) Power 6-7: Very high bone density
- b) Power 4-5: High bone density
- c) Power 2-3: Middle bone density
- d) Power 1: Low bone density



Perio mode



Endo mode



Cleaning mode



# C-SAILOR **PRO+** Dental Implantation System

Implant mode & Surgery mode  
Graphical interface, Multiple program options

# 2 in 1

Model:C-Sailor pro+

Dental Implantation Systems

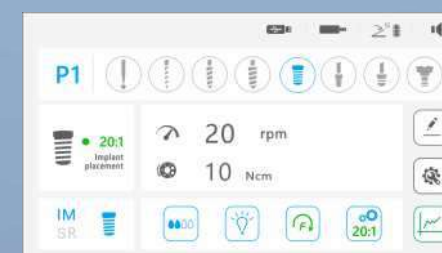
Order code: C-SAILOR **PRO+****Technical:**

|                            |                        |
|----------------------------|------------------------|
| Maximum power:             | 120VA                  |
| Power supply:              | AC 110V 60Hz/230V 50Hz |
| Motor speed:               | 300r/min~4000r/min     |
| Maxima torque(20:1):       | 70N.cm                 |
| Water supply volume:       | 5 level adjustable     |
| Light source illumination: | 30000lux               |
| Input Voltage:             | d.c.30V                |
| Volume(cm):                | 28×25×12               |
| Weight(kg):                | 3.4                    |

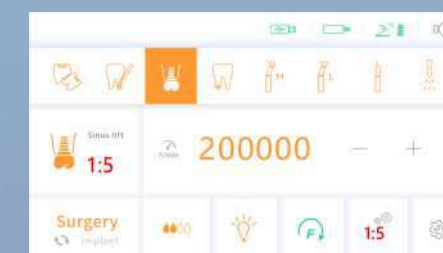


## Implant mode & Surgery mode 2 in 1

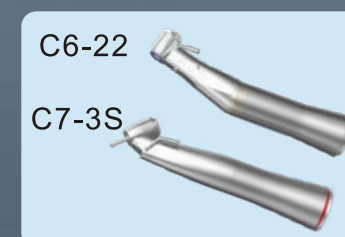
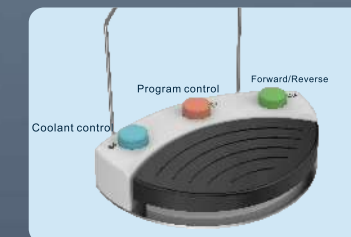
Powerful and user-friendly



Implant mode



Surgery mode

Software updates  
Torque storeMetal connector  
More stable, longer lifeSilent, waterproof  
peristaltic pumpStandard 2pcs  
contra angleLCD color large  
screen

Wireless pedal

# C-SAILOR PRO Dental Implantation System

Intuitive  
Powerful  
Safe & Reliable

## Patent design, delicate contracted

This product has been applied layout-design patent,  
Counterfeit must be investigated.



The large size screen ensures that the treatment parameters are visible at any time

Model: C-Sailor



## Dental Implantation Systems

Order code: C-SAILOR PRO

### Technical:

|                            |                                     |
|----------------------------|-------------------------------------|
| Maximum power:             | 130VA                               |
| Power supply:              | AC110V 60Hz / 230V 50Hz             |
| Motor speed:               | 300--40000rpm                       |
| Adjustable torque:         | 5Ncm-- 80Ncm (20:1)                 |
| Water supply volume:       | 4 level adjustable, up to 150ml/min |
| Light source illumination: | 30000lux                            |
| Motor:                     | surgical brushless motor            |
| Volume(cm):                | 42x38x26cm                          |
| Weight(kg)/PCS             | 5.5kg                               |
| Packing material           | Aluminum box                        |
| QTY per master carton      | 2 pc/ctn                            |

Fiber optic contra angle  
High brightness LED light  
source up to 30000lux



Built-in water supply system  
4 shifts water supply  
up to 150ml/min



-Full touch 7 inch screen-  
Large size screen ensures that  
the treatment parameters are  
visible at any time



Full function pedal controller  
Aseptic operation can be achieved  
giving the maximum freedom of the handle





# C-SAILOR Dental Implantation System

Efficient  
Big screen  
Stable & Safe



The first Chinese brand implant machine which get license from Chinese government for producing and selling



This product has been applied layout-design patent,  
Counterfeit must be investigated:NO.ZL201230103509.0

Model: C-Sailor

## Dental Implantation Systems

Order code: C-SAILOR

### Technical:

|                         |                          |
|-------------------------|--------------------------|
| Maximum output power    | 120VA                    |
| Power                   | AC110V 60Hz / 230V 50Hz  |
| Adjustable torque,range | 5.0-55N.cm(20:1)         |
| BLDC Speed              | 300rpm-50000rpm          |
| Infusion flow(maximum)  | 150ml/min                |
| Motor                   | Surgical brushless motor |
| Volume(cm)              | 40X33X26.5               |
| Weight(kg)/PCS          | 8.2                      |
| Packing material        | Aluminum box             |
| QTY per master carton   | 2 pc/ctn                 |



choose  
Built-in10 setting program

High performance control system  
10 kinds of the reduction contra angle to

Big Screen  
Clear and easy to understand



Coolant control  
P Program control  
Forward/Reverse



Multi functional foot pedal

Could achieve all the operation function  
Easy and flexible



Built-in water supply system

5 shifts water supply  
up to 150ml/min



# UA-1 Implant UA Activator

10s Activation

Ultra strong implant compatibility

9 Implant UA Activator



Model:UA-1

Implant UA Activator

Order code: UA-1

## Technical:

|                    |                   |
|--------------------|-------------------|
| Adapter:           | AC100-240V50/60Hz |
| Input power:       | 220W              |
| Ozone production:  | <0.02ppm          |
| Activation time :  | 10s               |
| UV wavelength :    | 172nm             |
| Weight:            | 5.5kg             |
| Control unit size: | 18.7×31.6×33.1cm  |



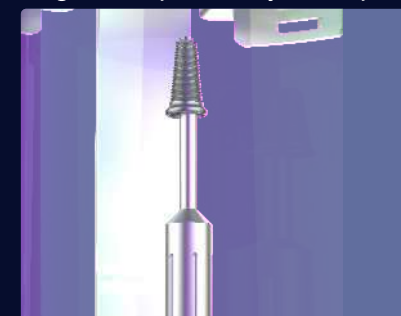
Activation  
takes only 10s



Air gesture  
Zero contact is safer



High compatibility of implants



Voice-recognition & LED prompt



In standby mode



Activating



Activation Complete

10 Implant UA Activator



## CI-1 Dental Abutment Placer



Straight adapter & curved adapter



### impact head

Medical engineering plastic impact head, capable of high-temperature sterilization



Model:CI-1

Dental Abutment Placer

## Technical

Length: 145mm

Shell length \* diameter: 128mm\*20mm

Weight: 120g

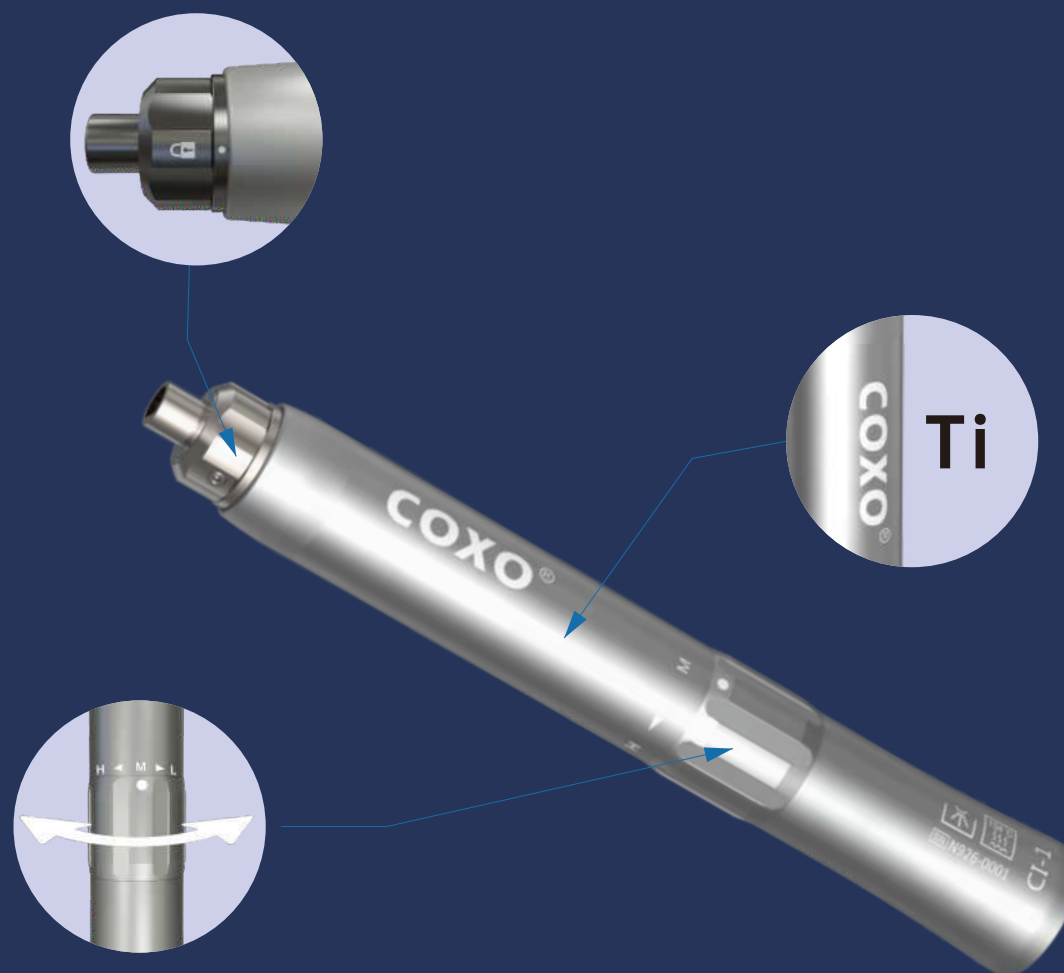
Recommended air pressure  
for pneumatic motors: 0.02~0.1Mpa

Paired with motor output torque: 0.75N.cm

Matching motor speed: 12000rpm



Order code:CI-1



Model: C-TW1

## Dental Implant Torque Wrench

### Feature:

1. 10/15/20/25/30/35N torque gears
2. 16 kinds of screwdrivers
3. Used and upgraded the COXO implanting contra angle

### Technical:

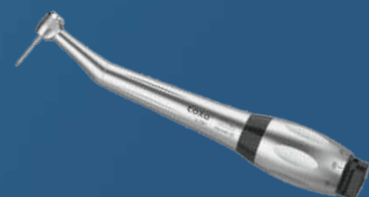
Torque: 10-35N.cm

Screwdriver type:  $\phi 2.35$

Volume(cm) 13.8x13.8x15



Order code: C-TW1 Kit



Order code: C-TW1

The conventional design of COXO implanting contra angle has been used with better quality and longer service life



Order code: C-SK1

16 kinds of screwdrivers of different specifications fully compatible with more than 30 mainstream implant systems

Model: C-TW2

## Dental Implant Torque Wrench

### Feature:

1. Equipped with 16 different screwdrivers,
2. More optimized structural design, more in line with ergonomics and the actual needs of clinicians.
3. CNC precision machining to ensure accurate torque.
4. Aluminum alloy box, can be sterilized at high temperature and high pressure
5. Paired with silicone pins of different colors

### Technical:

Torque: 15-70N.cm

Screwdriver type:  $\phi 7.5$

Volume(cm) 15.7x12.5x5



Order code: C-TW2 Kit



Order code: C-TW2

More optimized structural design, more in line with ergonomics and the actual needs of clinicians



Order code: C-SK2

16 kinds of screwdrivers of different specifications, fully compatible with more than 30 mainstream implant systems

# Endo Series





## C-SMART-I PILOT Endo motor

Large screen, but also wireless  
Simple, but also rich functional  
Split Endo motor & Apex locator

Order code: C-SMART-I PILOT

### Technical:

Adaptor working voltage: Input: AC100~240V, 50Hz  
Output: DC10V, 1.5A

Rotation speed range: 150~1000rpm

Torque: 0.6~3.9N.cm

File system: 6 mainstream brands  
30 endo file systems  
200+ file parameters

Volume: 24x24x7.5cm

Weight: 1.5kg

Packing material: carton

QTY per master carton: 10 pc/carton



## Smart Pilot Function

### Glide path

It reproduces the subtle and delicate  
finger movements of an experienced  
dentist

### Canal shaping

Greatly reduce the chance of  
jamming or file breakage  
Treated faster and more safely

## Innovative Contra angle

Built-in LED light

Can rotate freely at 300°

Built-in root canal  
measurement connection

Detachable Integrated  
Insulation Contra Angle

Can be sterilized by 135°C high temperature  
and high pressure

Powerful Bluetooth  
Stronger connection  
10m effective distance

This product has been applied layout-design patent,  
Counterfeit must be investigated.

# C-SMART-I PRO Endo motor

Touch control, System inside  
With LED light  
With Apex locator function

Order code: C-SMART-I PRO

## Technical:

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Adaptor working voltage                            | AC100-240V,50/60HZ;   |
| Adjustable torque,range                            | 0.6-5.2N.cm(6-52mN.m) |
| 5 setting for adjustable rotational speed ranging: | 150rpm-650rpm         |
| Volume(cm)                                         | 23.5X20X14.5          |
| Weight(kg)/PCS                                     | 2.8                   |
| Packing material                                   | carton                |
| QTY per master carton                              | 6 pc/ctn              |



17  
Endo Motors

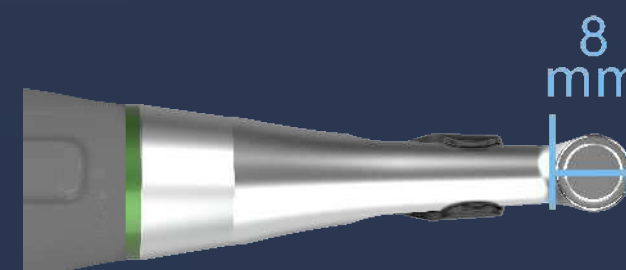


Built-in mainstream system

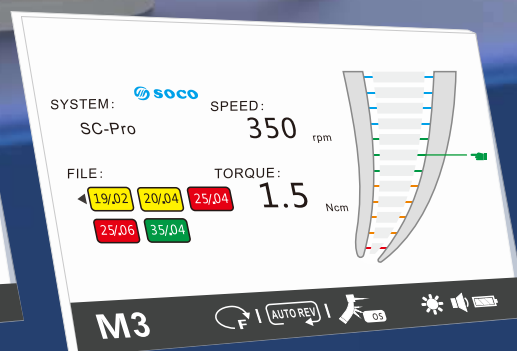
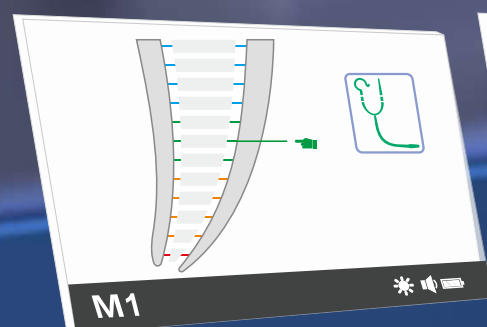
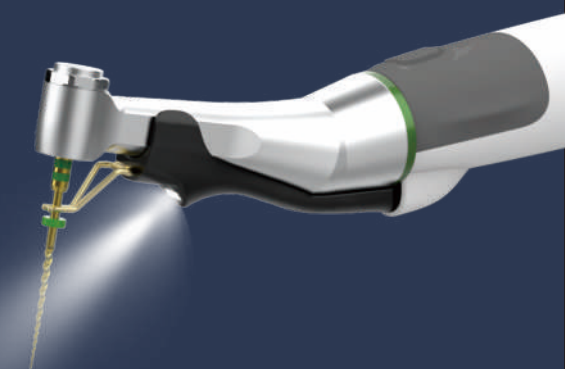


Endo motor & Apex locator  
Dual mode

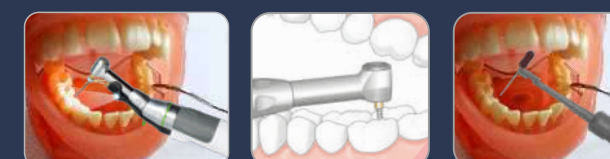
18  
Endo Motors



16:1 mini head contra angle



Big color LCD screen





# C-SMART MINI2 NOVA Endo motor

Smaller-Safer



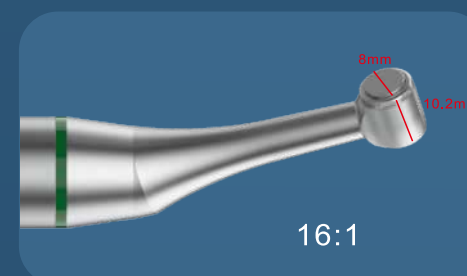
Model: C-SMART-NOVA

Endo Motors

Order code: C-SMART-MINI2 NOVA

## Technical:

|                         |                     |
|-------------------------|---------------------|
| Adaptor working voltage | AC100-240V 50/60HZ; |
| Adjustable torque,range | 0.6-3.9N.cm         |
| Rotation speed range:   | 100-1000rpm         |
| Volume(mm)              | 130.2×23.4×20.5     |
| Weight(kg)/PCS          | 2.8                 |
| Packing material        | carton              |
| QTY per master carton   | 6 pc/ctn            |



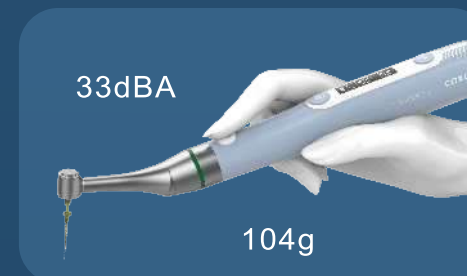
## Super-mini contra angle

Easily reach every treatment area  
Contra angle speed ratio 16:1



## 5 Programs

P1~P3 : Memory program  
P4 : Reciprocation program  
P5 : OGP program



## Lighter and Quieter

Reducing hand fatigue , give you the best feel  
Improved motor , lower noise , allows you to better focus on treatment



The maximum speed can reach to 1000 rpm



## OGP Mode

Special ledge bypassing function  
safer and more convenient

**New** technology

# C-SMART MINI Brushless Endo motor AP+

Wireless Endo Motor & Apex Locator  
Powerful Functions  
Precise Measurements  
Efficient And Safe



100 rpm Min speed  2500 rpm Max speed

Model: C-SMART-MINIAP+

Endo Motors



Order code: C-SMERT-MINI AP+

## Technical:

|                         |                     |
|-------------------------|---------------------|
| Adaptor working voltage | AC100-240V 50/60HZ; |
| Adjustable torque,range | 0.6-5.0 N.cm        |
| Rotation speed range:   | 100-2500rpm         |
| Volume(cm)              | 19X13X6             |
| Weight(kg)/PCS          | 0.7                 |
| Packing material        | carton              |
| QTY per master carton   | 12 pc/ctn           |

21 Endo Motors



5 working mode



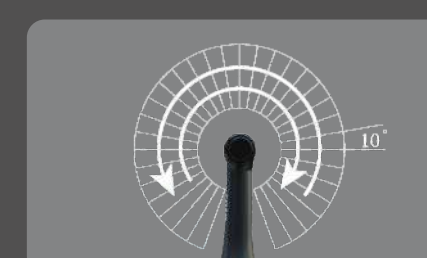
6:1 contra-angle



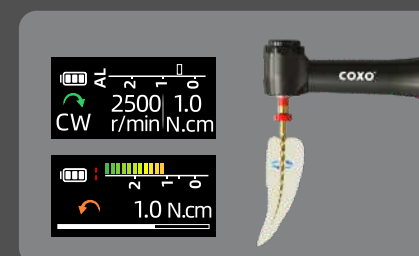
Smart wake up function



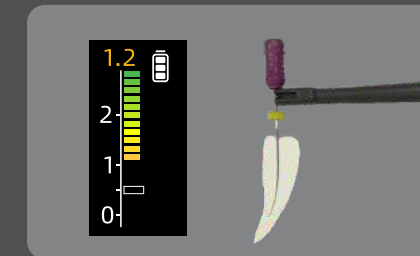
convenient wireless charge



Adjustable reciprocating angle  
(10° for each unit)



Apex locator &  
endodontic treatment



Apex locator



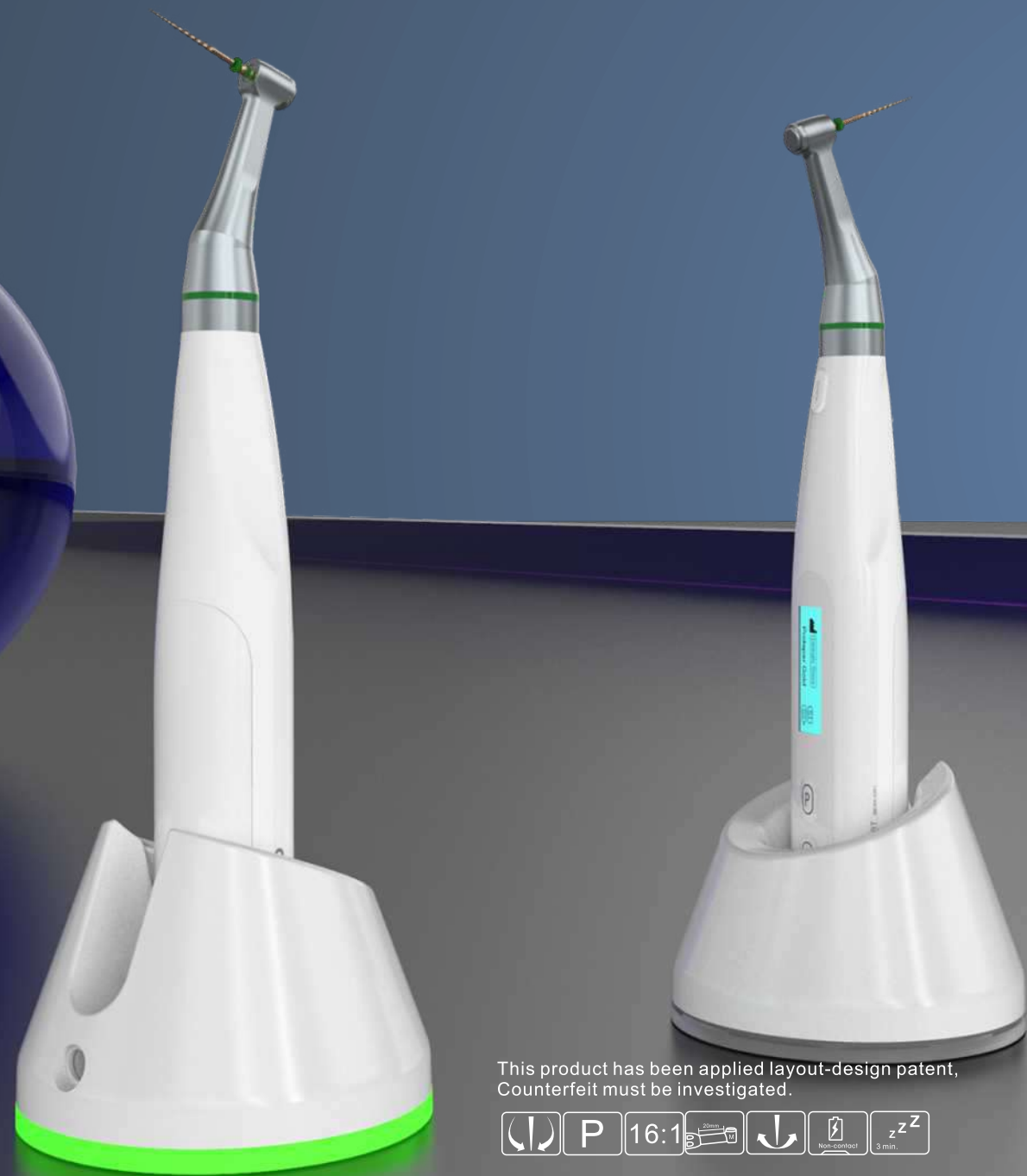
Color screen display

22 Endo Motors

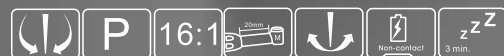


# C-SMART MINI **AP** Endo motor

Wireless endo motor & apex locator  
Powerful functions  
Precise measurements  
Efficient and safe



This product has been applied layout-design patent,  
Counterfeit must be investigated.



Model: C-SMART-MINIAP

Endo Motors

Order code: C-SMART-MINI **AP**

## Technical:

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Adaptor working voltage                            | AC100-240V 50/60HZ;   |
| Adjustable torque,range                            | 0.6-3.9N.cm(6-39mN.m) |
| 5 setting for adjustable rotational speed ranging: | 150-600rpm            |
| Volume(cm)                                         | 19X13X6               |
| Weight(kg)/PCS                                     | 0.7                   |
| Packing material                                   | carton                |
| QTY per master carton                              | 12 pc/ctn             |



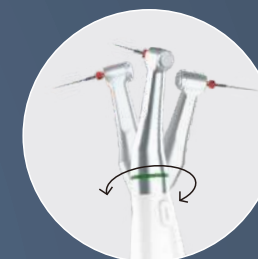
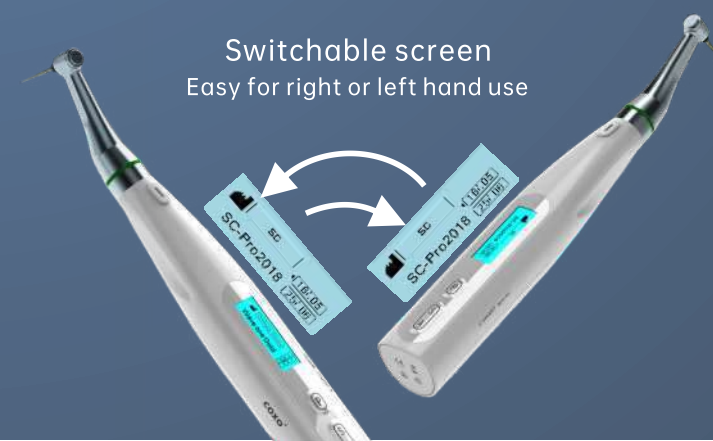
With 6 mainstream brands,  
31 mult file system  
Almost 200 Endo files parameters



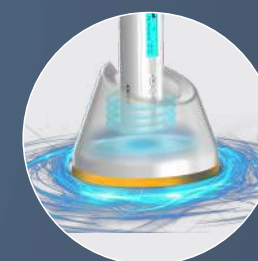
3 working mode  
Auto-switch work mode  
Colorful and sound prompt



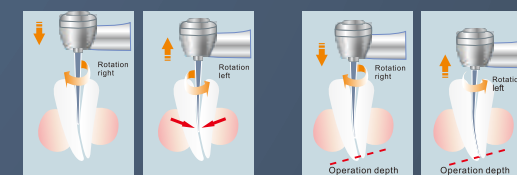
Switchable screen  
Easy for right or left hand use



16:1 Mini Head Design  
360° Rotation, Meet the needs of  
various treatment angles



Non-contact recharge  
Faster and safer



● auto reverse by torque ● auto reverse by apical position

Order code: C-SMART-MINI

Technical:

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Adaptor working voltage                            | 100-240Vac,50/60HZ;   |
| Adjustable torque,range                            | 0.6-3.9N.cm(6-39mN.m) |
| 5 setting for adjustable rotational speed ranging: | 125rpm-625rpm         |
| Volume(cm)                                         | 19X13X6               |
| Weight(kg)/PCS                                     | 0.7                   |
| Packing material                                   | carton                |
| QTY per master carton                              | 12 pc/ctn             |



Reciprocation



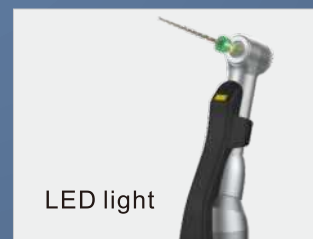
Non-contact recharge design



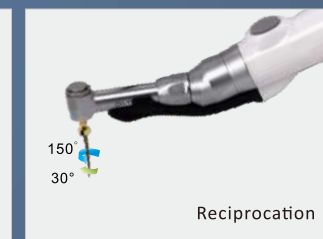
Order code: C-SMART-MINI (LED)

Technical:

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Adaptor working voltage                            | AC100-240V,50/60HZ;   |
| Adjustable torque,range                            | 0.6-3.9N.cm(6-39mN.m) |
| 5 setting for adjustable rotational speed ranging: | 125rpm-625rpm         |
| Volume(cm)                                         | 19X13X6               |
| Weight(kg)/PCS                                     | 0.7                   |
| Packing material                                   | carton                |
| QTY per master carton                              | 12 pc/ctn             |



LED light



Reciprocation



LED screen



Non-contact recharge design



This product has been applied layout-design patent, Counterfeit must be investigated.

This product has been applied layout-design patent, Counterfeit must be investigated.



# ULTRA SMART Endo Ultrasonic Activator

Safer  
Cleaner  
Professional

Model: Ultra Smart

Endo Ultrasonic Activator

Order code: ULTRA-SMART

### Feature:

1. High frequency ultrasound up to 38kHz.
2. Variable frequency control, self adjusting frequency in treatment.
3. Activation sequences of 20 sec.
4. With LED lighting system.
- .....

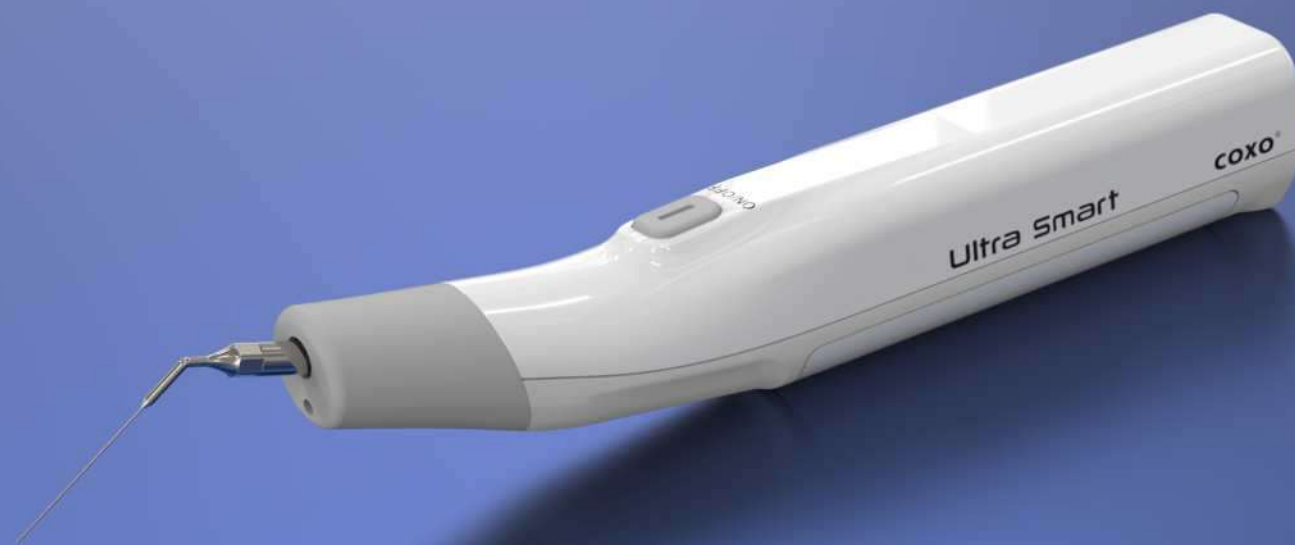
### Technical:

Volume: 17x17x6 cm

Weight: 0.65 kg

Packing material: carton

QTY per master carton: 8 pcs/carton



CU1\*3

# ULTRA SMART AI Ultrasonic Activator

Safer  
Cleaner  
Powerful and multi-use.



Developed with  
Prof. Alfredo Iandolo



Model: Ultra Smart

Endo Ultrasonic Activator

Order code: ULTRA-SMART AI

## Feature:

1. High frequency ultrasound up to 38kHz.
2. Variable frequency control, self adjusting frequency in treatment.
3. Activation sequences of 20 sec.
4. With LED lighting system.
- .....

## Technical:

Volume: 17x17x6 cm

Weight: 0.65 kg

Packing material: carton

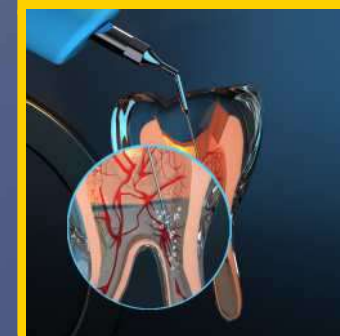
QTY per master carton: 8 pcs/carton

## 3 Working mode

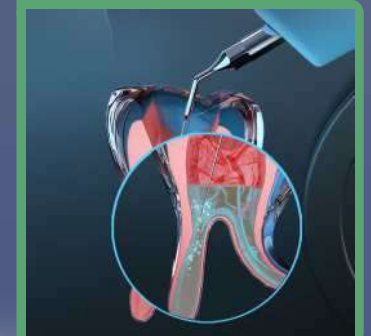
High power mode  
Removing broken endo file



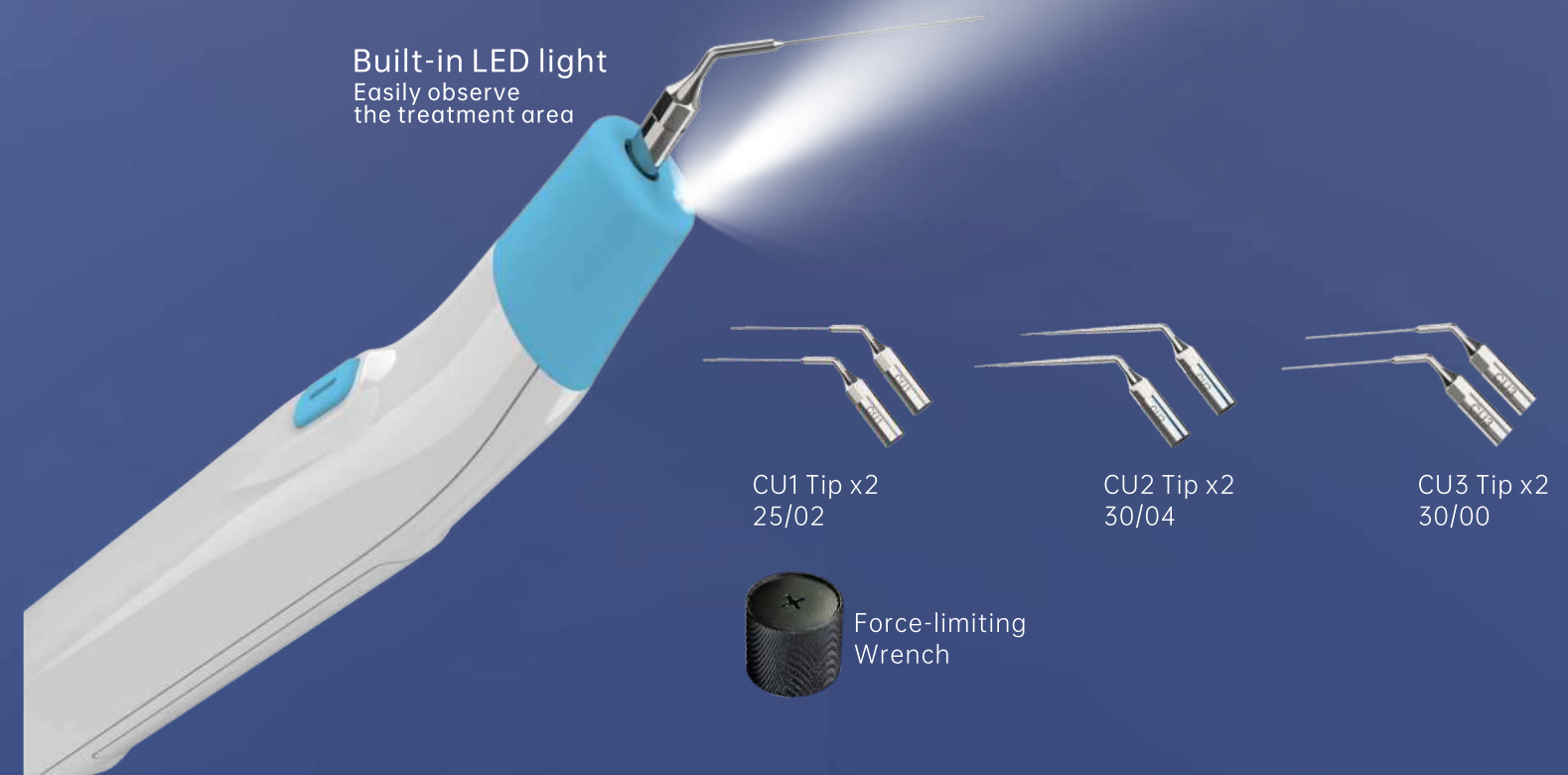
Middle power mode  
Normal irrigation



Low power mode  
Smallest tip to clean  
small canal



Built-in LED light  
Easily observe  
the treatment area



CU1 Tip x2  
25/02

CU2 Tip x2  
30/04

CU3 Tip x2  
30/00



Force-limiting  
Wrench



# C-RCC Root Canal Irrigation And Suction System

Continuous flushing  
With heating function  
Negative pressure flushing



Developed with  
Dr. Mandar Pimprikar



**Multi-function mode  
of irrigation and suction**  
allows irrigation and suction to be carried out at the  
same time

Model: C-RCC

Root Canal Irrigation and Suction System

Order code: C-RCC

## Feature:

1. Three working modes: irrigate, suction and suction while irrigate
2. With heating function: can heat the irrigants to improve the disinfection effect by 400%
3. Joint developed This product is co-developed from the rich clinical experience of experts.

## Technical:

Power: AC100-220V 50/60Hz

Irrigate flow: 2-5ml/min

Suction flow: Tip A: >10ml/min; Tip B: >3ml/min

Volume: 35x26x11cm

Weight: 1.65 kg

Packing material: carton



Irrigation mode only  
Working time:30s

3



Suction mode only  
Working time:120s

Working  
modes



Circular irrigation mode  
Working time:30s/60s/90s/120s

**Standard  
2 types of tip**



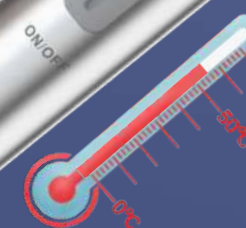
**Tip B**  
Longer needle: 27G, for suction  
Shorter needle: 21G, for irrigation



**Tip A**  
Longer needle: 27G, for irrigation  
Shorter needle: 27G, for suction

**With heating function**

Improve the disinfection effect by 400%  
making it safer and more efficient.



## C-FILL X Endodontic Obturation system

Precise temperature control  
Perfect filling



Order name: C-FILL X Set

Model: C-FILL X

## Endodontic Obturation Systems

Order code: C-FILL X

Technical:

Battery: DC3.6V 2200mAH

Working temperature: 140 ° C, 160 ° C, 180 ° C, 200 ° C

Adapter: input AC 100~240V, output DC5V 4A

Use time: ≥30min

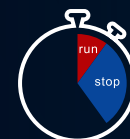
Needle specifications: 23G, 25G



### Built in dental gum removal function

Simultaneously press and hold the "M" and "⏻" keys to clear the cavity dental gum

360 ° circular button



### Heating protection

Discontinuous operation, work for 1 minute, stop for 3 minutes

Grasp to wake up, no need to repeatedly turn on/off the machine

Order code: C-FILL Mini P type

Technical:

Battery: DC3.7V 2000mAH

Heating time: 4S(With heat protection function, the single heating time is up to 4 S)

Working temperature: 150 ° C, 180 ° C, 200 ° C, 230 ° C

Adapter: input AC 100~240V, output DC5V 1.5A

Use time 1.5H

Plunger specifications: F 45/02, FM 50/04, M 55/06, ML 55/08

Different angle

Easy to reach any treatment places

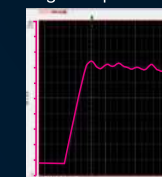


Faster heating

P type can archive 200°C in 0.5s

Intelligent reminder  
Sound and flashing prompt  
With protection function, single heating time up to 4s

Precise temperature control  
Good performance give you the most smooth cutting of gutta-percha



C-FILL mini P type



# C-FILL MINI Endodontic Obturation system

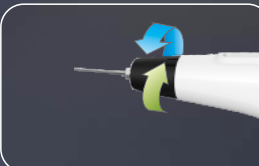
Precise temperature control  
Perfect filling



Order name: C-FILL Mini



The tip of plunger with minimum diameter 0.45mm, 02 taper, can press the effective filling position that is 3 mm from the Apex.



The gun head can be rotated by ±100° for easy use.



Double-sided button operation, convenient and fast



360 ° dynamic charging display, more humane.

Model: C-Fill

Order code: C-FILL Mini G type

Battery: DC3.7V 2200mAH  
Heating time: 15 s To 200 °C.  
Working temperature: 150 ° C, 180 ° C, 200 ° C, 230 ° C  
Adapter: input AC 100~240V, output DC5V 1.5A  
Use time 1.5H  
Needle specifications: 23G, 25G



Accurate temperature control  
Automatically cool down to 150°C on the base  
Save electricity and prevent glue overflow

## Endodontic Obturation Systems



Faster heating  
G type can archive 200°C in 15s



New wrench design  
Help you to push more accurately



Order code: C-FILL Mini P type

Battery: DC3.7V 2000mAH  
Heating time: 4S(With heat protection function, the single heating time is up to 4 S)  
Working temperature: 150 ° C, 180 ° C, 200 ° C, 230 ° C  
Adapter: input AC 100~240V, output DC5V 1.5A  
Use time 1.5H  
Plunger specifications: F 45/02, FM 50/04, M 55/06, ML 55/08



Different angle  
Easy to reach any treatment places



Faster heating  
P type can archive 200°C in 0.5s

Intelligent reminder  
Sound and flashing prompt  
With protection function, single heating time up to 4s



Precise temperature control  
Good performance give you the most smooth cutting of gutta-percha



C-FILL mini P type

| Heat plunger |            |            |
|--------------|------------|------------|
| Size         | Color code | Taper/Size |
| #XF          | Green      | 0.02#35    |
| #F           | White      | 0.02#45    |
| #FM          | Yellow     | 0.04#50    |
| #M           | Red        | 0.06#55    |
| #ML          | Red        | 0.08#55    |



| Needle |          |        |
|--------|----------|--------|
| Gauge  | Diameter | Length |
| 23ga   | 0.65mm   | 23mm   |
| 23ga   | 0.65mm   | 23mm   |
| 25ga   | 0.55mm   | 23mm   |
| 25ga   | 0.55mm   | 23mm   |



# C-ROOTI+ Root apex locator

Touch precision  
All touch TFT LCD

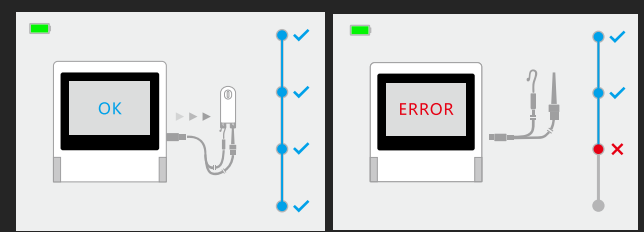
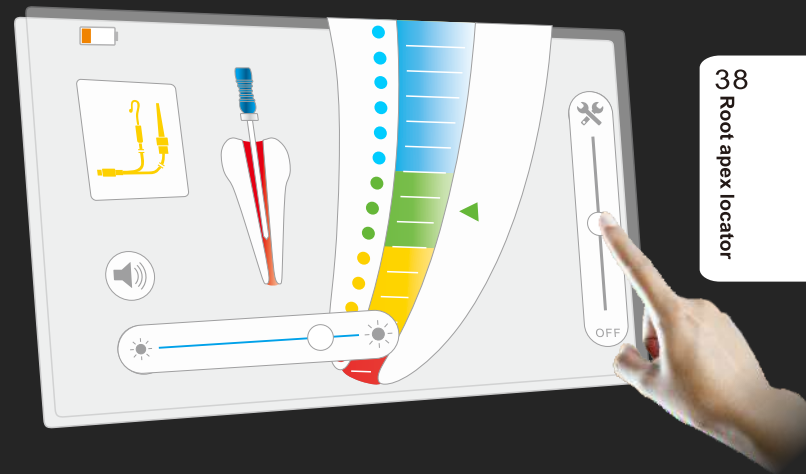


Order code: C-ROOT I+

|                          |                                                   |
|--------------------------|---------------------------------------------------|
| Technical:               |                                                   |
| Adaptor working voltage: | AC100-240V.50/60HZ;<br>DC 7.4V 1800mAh            |
| Battery:                 | changeable Li-ion battery                         |
| Display:                 | color TFT-LCD touch screen                        |
| Display specifications:  | size:73.44x48.96mm(3.5inch)<br>resolution:480x320 |
| Charge time:             | 3hours                                            |
| Volume(cm):              | 16X14X6.5                                         |
| Weight(kg)/PCS           | 0.7                                               |
| Packing material         | carton                                            |
| QTY per master carton    | 12 pc/ctn                                         |



Colorful touch screen  
Easy to adjust various parameters



Automatic check function  
Ensure you the accuracy of each measurement



Simple and light  
The thickness is only 2cm, but it brings unimaginable accuracy





## Feature:

- 1-Root cannal apex finder and pulp vital measurement;
- 2-Color LCD screen display and can adjust the angle you need;
- 3-Multi-frequency design, exact accurate;
- 4-Accurate current-stabilized generate technology
- 5-Self-test function in apex locator;
- 6-The narrow zone of the apex can be adjust if the doctor need;
- 7-Sound prompt for the apex in the narrow zone of the pulp vital;
- 8-Rechargeable Li-ion battery and charger

## Technical

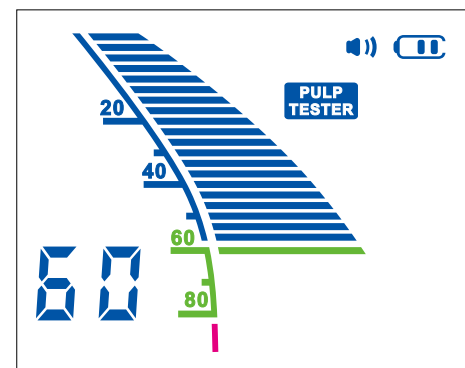
- 1.Adaptor voltage : AC100-240V, 50/60HZ
- 2.Battery:7.4V/2000mAh changeable Li-ion battery
- 3.Charge time:3 hours
- 4.Display:color LCD Screen,buzzer

## Volume/Weight

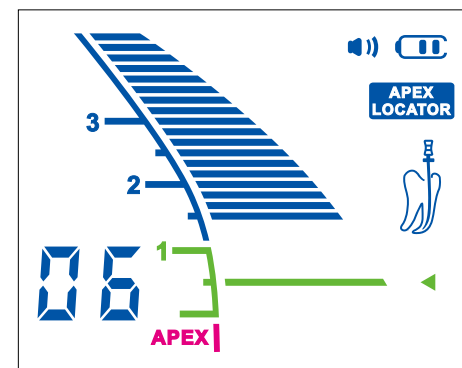
- 1.Volume(cm):24X19X9
- 2.Weight(KG)/PCS:2.0KG
- 3.Packing material: carton
- 4.QTY per master carton : 6 pc/ctn

Order code: C-ROOTI(VI)  
Root apex locator with pulp tester

## Two working modes



Pulp tester mode



Apex locator mode

## Accessories



## Feature:

- 1-Preset speed mode(high-mid-low speed)
- 2-Agentle,pulsed stimulus begins to increase at a rate specifically designed for patient comfort.
- 3-If the patient indicates perception,simly release the button, the stimulus stops immediately,but the numbers remain frozen on the screen for about 3 minutes.
- 4-Specifically designed for patient comfort.
- 5-Convenient to operate.
- 6-Maximum stimulus- -80.between 0-40,the patient feels ache and anesthesia,alive teeth nerve.
- 7-Between 40-80,with above-mentioned reaction,part of teeth nerve dead;80,no above-mentioned reaction,dead teeth nerve.
- 8-The device turns itself off in three minutes after operation (No wasted batteries).

This product has been applied layout-design patent, Counterfeit must be investigated;NO.ZL200730333925.9

Order code: C-PULSE

# Caries Detection Devices

## Feature:

- 1-Effective function for decayed tooth- detection , quickly, easily, painless
- 2-Wireless operation, Lightness using
- 3-Support minimally invasive surgery, safely, lighten patient's fear
- 4-Mini slender mainframe designing, provide the best treatment operation

## Technical:

|                          |                          |
|--------------------------|--------------------------|
| Adaptor working voltage: | AC100-240V,50/60HZ;      |
| Lightwave Data:          | LED intensities:40-280mw |
| Volume(cm):              | 16X14X6.5                |
| Weight(kg)/PCS           | 0.5                      |
| Packing material         | carton                   |
| QTY per master carton    | 6 pc/ctn                 |

## Function:

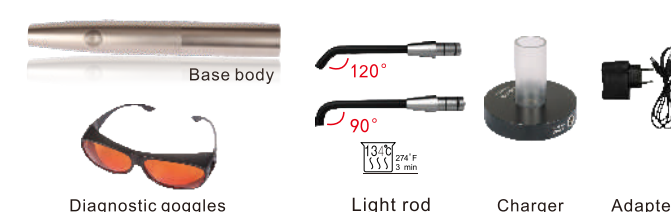
Bacteria in dentine infected by caries leave behind metabolic products(porphyrins).when an exposed cavity is illuminated with violet light,these porphyrins show a red fluorescence, thereby indicating the significant areas for caries excavation.

C-hunter aids detection and monitoring of carious tooth substance,in particular in dentin,during the excavation of previously opened cavities.

According to the particular fluorescence properties of the degradation product which is produced by the cariogenic bacteria, substances with teeth for removing infected, to remove the infected material on the teeth.



## Accessories



Simple, Effective,  
Innovative caries detection  
Competitive with the products of  
KaVo and W&H



Order code: C-HUNTER

# SC-PRO2018

## CONTROLLED MEMORY FILES

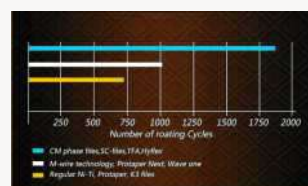
High elasticity  
More Safety  
More Efficiency  
More Durable

41  
NITI file System



Use nickel titanium file  
to prevent detritus from introducing apical foramen  
Optimized to clear the file to the transition of the forming file  
Protection of curved root canal anatomy

leading operation concepts, advanced technical support  
to the leap of the SC-pro NITI file.



Anti-cycle Fatigue Comparison

Model: SC-PRO

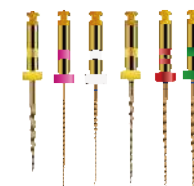
# Dental Root Canal Instruments

## SC-PRO2018

### CONTROLLED MEMORY FILES



New series of SC-PRO 2018:  
only need to dredge up to Hand use file K10.



## Feature:

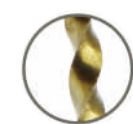
1. Upgrade open file 17/12 , more reasonable.
  2. With dual-variable taper of path file, nickel titanium file can be used after 10# hand file
  3. Upgrade shaping file 18/05, more perfect for the processing.
  4. Upgrade material , more flexible.
- Among classic 6 pcs system file , only it can used nickel titanium file after 10# hand file  
-SC Pro-2018 more suitable for the big taper of obturation filling system.

## Technical:

| Photo         |                |                            |                            |        |        |        |
|---------------|----------------|----------------------------|----------------------------|--------|--------|--------|
| Cross section | Orifice Opener | 12Variable taper Path file | 16Variable taper Path file | 18/.05 | 25/.06 | 35/.04 |
| Model         | #17            | #12                        | #16                        | #18    | #25    | #35    |
| Taper         | 12             | 02                         | 02                         | 05     | 06     | 04     |
| Speed         | 300            | 350                        | 350                        | 350    | 350    | 350    |
| Torque        | 3              | 1.5                        | 1.5                        | 2      | 2      | 1.5    |
| Length        | 21mm/25mm/31mm |                            |                            |        |        |        |



High elasticity

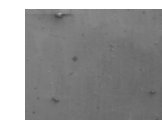


Super cutting force

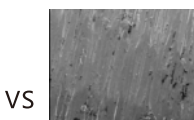


Chimb triangle

SC-PRO2018 on the basis of the SC-PRO added 06 taper file,  
Can face a variety of thickness of the root canal.



SC-PRO Files



VS

Other factory which has not been done polish

## Super Easy Operation

Inspect  
#10



Orifice Opener



Path file



Shaping files



Finishing files



Speed:300rpm  
Torque:3N.cm

Speed:350rpm  
Torque:1.5N.cm

Speed:350rpm  
Torque:1.5N.cm

Speed:350rpm  
Torque:2N.cm

Speed:350rpm  
Torque:2N.cm

Speed:350rpm  
Torque:1.5N.cm

Continuous rotation



# S-one PRO

## Single Niti Reciprocation File

safer  
easier  
faster  
more effective

43 NITI file System



High elasticity



Super cutting force



Evolving cross-section

Model: S-one pro

## Dental Root Canal Instruments

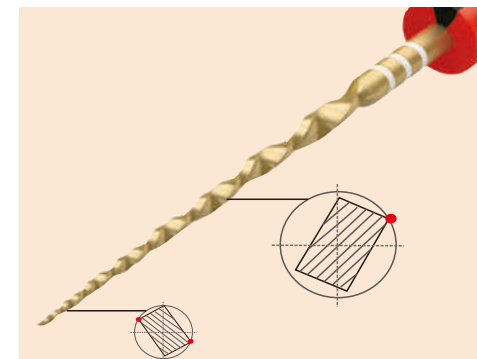
S-one PRO  
Single Niti Reciprocation File

### Feature:

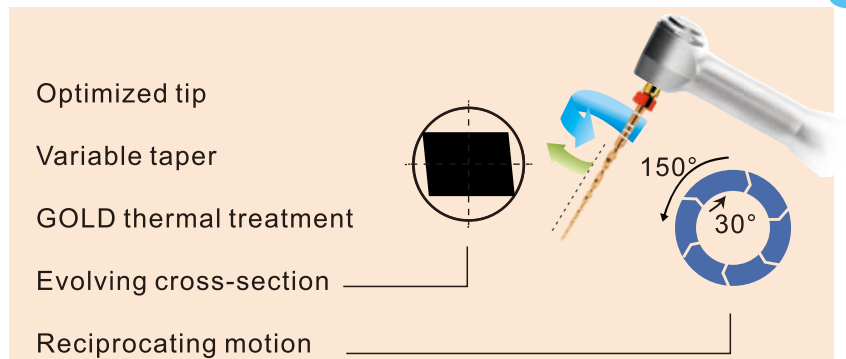
1. Super cutting force, anti-fatigue, anti-broken.
2. Maximized cutting efficiency
3. 3pens

### Technical:

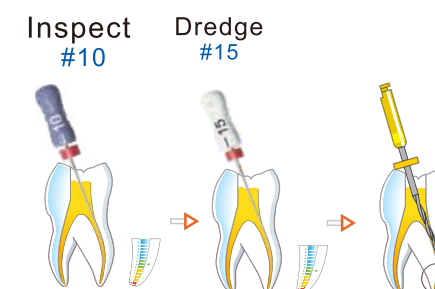
| Photo         |                |       |       |
|---------------|----------------|-------|-------|
| Cross section | 20/07          | 25/07 | 35/06 |
| Model         | #20            | #25   | #35   |
| Taper         | 07             | 07    | 06    |
| Length        | 21mm/25mm/31mm |       |       |



This image depicts how an alternating offset and transitioning parallelogram-shaped cross-section limits the engagement between the file and dentin.



### Super Easy Operation



### Cutting Efficiency Comparison



simple complex

44 NITI file System

SC-PRO Lite 2018  
CONTROLLED MEMORY FILES

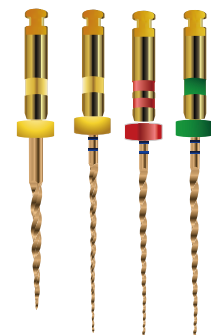


Safe  
Simple  
Practical

Feature:

- 1-SC-PRO simplified version is suitable for conventional root canal preparation.
- 2-Anti-cyclic fatigue increased to 400%.
- 3-Safe, simple, practical.
- 4-4 pens

Technical:



Chimb triangle

|               |                |        |        |        |
|---------------|----------------|--------|--------|--------|
| Photo         |                |        |        |        |
| Cross section | Orifice Opener | 18/.05 | 25/.06 | 35/.04 |
| Model         | #17            | #18    | #25    | #35    |
| Taper         | 12             | 05     | 06     | 04     |
| Speed         | 300            | 350    | 350    | 350    |
| Torque        | 3              | 2      | 2      | 1.5    |
| Length        | 21mm/25mm/31mm |        |        |        |

S-one 2018  
Single Niti Reciprocation File



Sharp section  
High elastic  
Quick  
efficient

Feature:

- 1-Single file to complete the preparation
- 2-Unusually sharp section
- 3-The capacity of chip and chip evacuation enhanced
- 4-More flexible than the traditional single file, indications broader
- A-Good variable pitch design for quick and automatic removal of debris to the crown side.
- B-Variable pitch design and S-section, enhanced transverse cutting force, and weakened
- C-Instrument "screwed in" dentin effect.
- 5-Use 06 taper tooth glue tip filling.

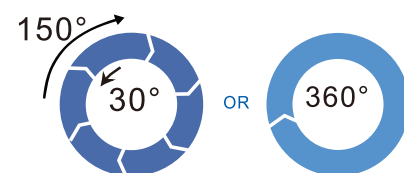
Technical:



simple complex

|       |          |          |          |
|-------|----------|----------|----------|
| Photo |          |          |          |
|       | L1 20/07 | L1 25/06 | L1 35/06 |
| Model | #20      | #25      | #35      |
| Taper | 07       | 06       | 06       |

-Three different size finish file,  
After predicting the root canal main sharp file,  
-According to the fine root canal, middle root canal and rough root canal, Use a single file to complete the preparation



SC-PRO  
CONTROLLED MEMORY FILES

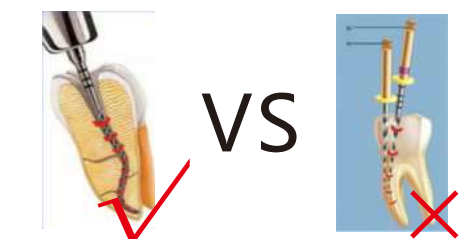
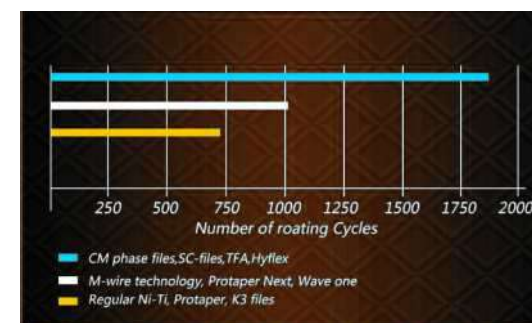
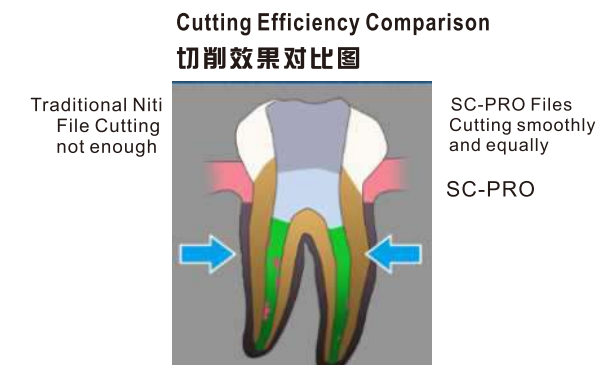


Feature:

- 1-Super cutting force, anti-fatigue, anti-broken.
- 2-The new import CM NiTi material, good flexibility,
- 3-More responsive to the root canal morphology.
- 4-The super-hard alloy coating, increase product durability, and make a perfect looking.

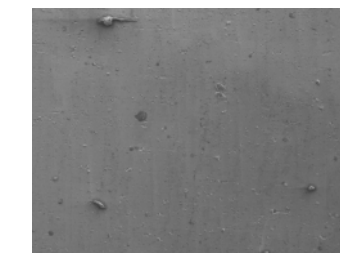
Technical:

|        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Photo  |  |  |  |  |  |  |
| Model  | Φ17                                                                                 | Φ19                                                                                 | Φ20                                                                                 | Φ25                                                                                 | Φ25                                                                                 | Φ35                                                                                 |
| Taper  | 08                                                                                  | 02                                                                                  | 04                                                                                  |                                                                                     | 06                                                                                  | 04                                                                                  |
| Torque | 3.0N.cm                                                                             | 1.5N.cm                                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Length | 21mm/25mm                                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

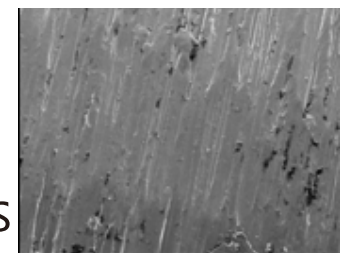


SC-PRO Niti Files

Traditional Niti File



SC-PRO Files



Other factory  
which has not been done polish



## C-FR2 File Removal System

More convenient, safer and less damage

47  
File Removal  
System



Model: C-FR2

File Removal System



### Feature:

1. Adopting a lasso style for easier removal of broken files.
2. Strong and secure tip.
3. Ergonomics design.
4. Equipped with standard disinfection box, standard 20 lasso components.

Order code: C-FR2

Standard 20pcs specially designed lasso component  
Easy to install and easy to use

### Strong and secure tip

Durable and tensile-resistant wire guarantees precise grip safe removal of a broken instrument



48  
File Removal  
System



NiTi Path Drill  
Different sizes, to meet your different needs

|       |      |     |     |     |     |
|-------|------|-----|-----|-----|-----|
|       |      |     |     |     |     |
| Model | #110 | #90 | #80 | #70 | #60 |
| Taper | 01   | 02  | 02  | 03  | 04  |

|       |     |     |     |
|-------|-----|-----|-----|
|       |     |     |     |
| Model | 1.1 | 0.9 | 0.8 |

NiTi Cutting Drill  
Easy to create a stepped platform

|       |         |         |         |
|-------|---------|---------|---------|
|       |         |         |         |
| Model | 0.8x0.5 | 0.6x0.9 | 0.7x1.1 |

Cutting Cannula  
Remove the dentin around the end of the broken file

# C-FR1 File Removal System

## A Product Every Dentist Should Own



49  
File Removal  
System

Model: C-FR1

## File Removal System

### Feature:

1. Adopt clip-on file to minimize damage to teeth.
2. Equipped with three different sizes of work tips and it can meet multiple clinical needs.
3. Pre-bent work tip for easier operation.

### Technical:

Volume: 15.5x9.3x5.5cm



Order code: C-FR1

Clip-on file design  
To minimize damage to dentin

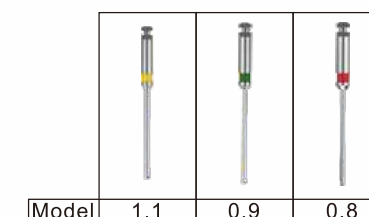
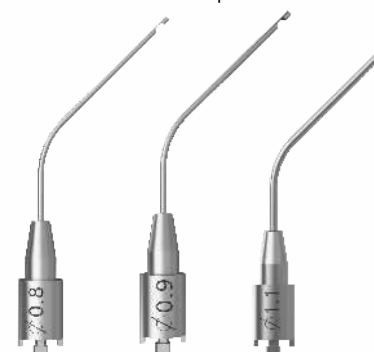


50  
File Removal  
System

Special locking design  
Help you catch every broken files

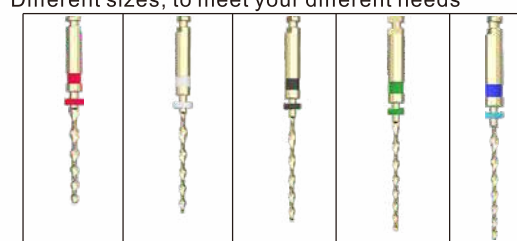


Equipped with three different sizes of work tips  
Can meet multiple clinical needs.

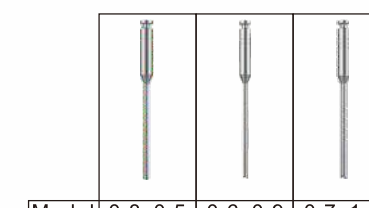


NiTi Flat Drill  
Easy to create a stepped platform

NiTi Path Drill  
Different sizes, to meet your different needs



|       |      |     |     |     |     |
|-------|------|-----|-----|-----|-----|
| Model | #110 | #90 | #80 | #70 | #60 |
| Taper | 01   | 02  | 02  | 03  | 04  |



Micro-Trephine  
Remove the dentin around the end  
of the broken file





Order code: C-BLADE

Feature:

- 1-press rapid heating,release the button a few seconds for cooling,easy to use.
- 2-Using wireless charging technology,stylish,,fashionable.
- 3-2400mAh large capacity nickel cadmium rechargeable battery,avoid frequently charging trouble.
- 4-Fever needle can be sterilized,it can be repeatedly used.

This product has been applied layout-design patent, Counterfeit must be investigated;NO.ZL201430484927.3

Technical:

|                          |                         |           |
|--------------------------|-------------------------|-----------|
| Ni-MHchargeable Battery: | 1.2V 2700mAh            |           |
| Heating time:            | ≥ 2s                    |           |
| Working temperature:     | 160°C                   |           |
| Charger input voltage:   | AC230V 50HZ,AC110V 60HZ |           |
| Heat plunger             | S,M,L,XL                |           |
| Volume(cm)               | 17.5X10.5X7.5           | 15X12X3.8 |
| Weight(kg)/PCS           | 0.5                     | 0.3       |
| Packing material         | carton                  | carton    |
| QTY per master carton    | 10 pc/ctn               | 10 pc/ctn |



Order code: C3-11KIT

Feature:

- Rectilinear motion handpiece and carborundum blade:
- 1-Apply to invisible treatment; rapid repair of dental enamel
- 2-Carborundum blade is stable and durable
- 3-The blade frame and the blade adopts the locking type design, its more solid, has a good compatibility with all kinds of handpiece
- 4-When the knife frame put in to handpiece, can be completely fixed, no shake
- 5-There are holes in the blade, which can effectively discharge the water and powder produced in the glaze.



Different thicknss for the diamond

Technical:

|                                 |       |      |       |
|---------------------------------|-------|------|-------|
| Two side diamond<br>(with hole) | 15 μm | 15HD | 2 PCS |
|                                 | 25 μm | 25HD | 2 PCS |
|                                 | 40 μm | 40HD | 2 PCS |
|                                 | 60 μm | 60HD | 2 PCS |
|                                 | 90 μm | 90HD | 2 PCS |



10pcs



carborundum blade

Push button  
for remove

Gap measuring ruler  
0.10mm 0.15mm 0.20mm  
0.30mm 0.40mm 0.50mm

4:1 reduction contra angle

# C-CLEAR-2 Stepless Zoom Operating Microscope

See more details and treat more accurately

12.5x Wide-angle Eyepiece

Diopter adjustment

Levelless zoom  
(0.4-2.5x)

Larger zoom objective

200mm

250mm

450mm

Model:C-CLEAR-2

Operating Microscope

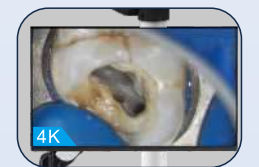


## -Levelless Zoom

More convenient operation,  
clearer treatment

## -4K Display

Higher-definition display to  
assist your training journey



## Multiple filter modes



Orange  
Filter



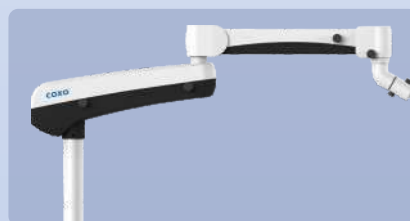
Green  
Filter



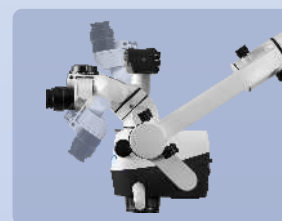
3 Size White Light



Auto power on/off



Super Balance Arm System



0-180° Variable angle  
binocular tube



±30°  
Host tilt adjustment

Order code:  
**C-CLEAR-2**  
**Stepless Zoom**

### Technical parameters:

1. Optical system: Apochromatic optical system
  2. Zoom System: Levelless zoom(0.4-2.5x)
  3. Eyepiece Lens: 12.5x wide-angle eyepiece, diopter+7~-7D high eye point, suitable for operators with glasses
  4. Binocular tube: 0-180° angle adjustable, f=170mm
  5. Objective Lens: Working distance:200-450mm
  6. Illumination system: LED bulb, adjustable brightness, the illumination is not less than 65000Lux, Color rendering index (Ra/CRI)> 90%
- Multiple filter modes:3 size White light, Orange filter, Green filter

### Optional accessories:

External camera system:SLR digital camera



# C-CLEAR-2 Operating Microscope

See more details and treat more accurately

12.5x Wide-angle Eyepiece

Diopter adjustment

Magnification adjustment knob  
(5 levels of magnification:0.4、0.6、0.8、1.6、2.5)

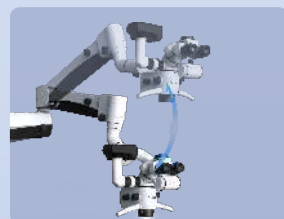
Lens protector

Larger zoom objective

200mm

215mm

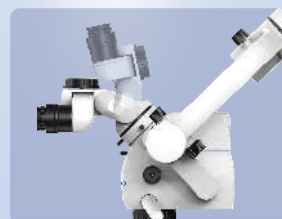
415mm



Auto power on/off



Super Balance Arm System



0-180° Variable angle  
binocular tube



±30°  
Host tilt adjustment

Model:C-CLEAR-2

Operating Microscope

Multiple filter modes



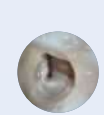
Orange  
Filter



Green  
Filter



3 Size White Light



Order code:  
**C-CLEAR-2  
Basic Edition**



Order code:  
**C-CLEAR-2  
Standard Edition**

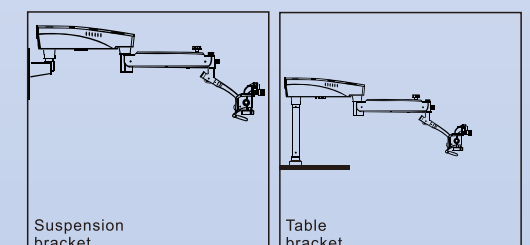
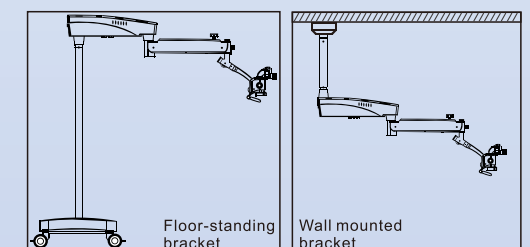
Technical parameters:

- 1.Optical system: Apochromatic optical system
  - 2.Zoom System: 5 levels of magnification,0.4/0.6/0.8/1.6/2.5
  - 3.Eyepiece Lens: 12.5x wide-angle eyepiece, diopter+7~-7D high eye point, suitable for operators with glasses
  - 4.Binocular tube: 0-180° angle adjustable, f=170mm
  - 5.Objective Lens: Working distance:200-415mm
  - 6.Illumination system: LED bulb, adjustable brightness, the illumination is not less than 65000Lux , Color rendering index (Ra/CRI)> 90%
- Multiple filter modes:3 size White light, Orange filter, Green filer

Optional accessories:

External camera system:SLR digital camera

Optional mounting options:



# C-PUMA Master Dental electrical motor

Electric motor & Endo motor  
One machine multi-use ,Super easy to use!

# 2 in 1



Brushless LED

Model: C-Puma

Dental Electrical Motors

Order code: C-PUMA Master

## Electric motor

With different contra angle, it can be used for teeth preparation, teeth restoration, and teeth polishing, etc.



## Electric Motor Mode Features

- 1-Adapt with contra angle and straight head in accordance with ISO3964
- 2-The speed and steering are adjustable, the speed can reach up to 40,000 rpm.
- 3-Built-in 7 program memories, each program can adjust parameters independently.
- 4-The maximum torque can reach 3.0 N·cm
- 5-Internal water spray;
- 6-The handle is air-cooled to maintain a comfortable temperature;
- 7-LED lighting, light intensity and delay time can be adjusted.

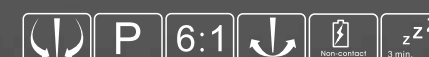
## Endo Motor

with 6:1 Mini head contra angle, it can be used for root canal preparation



## Endo Motor Mode Features

- 1-Use 6:1 contra angle with one-piece Mini head;
- 2-Built-in mainstream file system, no need to set up, just select and use;
- 3-Auto-reverse and manual real-time reverse function;
- 4-Speed: 250-1200RPM;
- 5-Torque: 0.6-5.1 N.cm.



## Feature:

- 1-The host has a novel shape and streamlined design;
- 2-Full-view color 5-inch LCD display, full touch control;
- 3-Pneumatic / manual start mode free to switch;
- 4-The motor is small and light, and can be autoclave;
- 5-Starting air pressure of the motor can be customized;
- 6-with electric motor and Endo motor function can be switch freely.

## Technical:

- 1-Input power: AC100-240V, 50/60Hz
- 2-5.0 inch LCD screen Resolution: 800\*480
- 3-Maximum speed: 40,000 rpm
- 4-Motor outer diameter: 20.6mm

## Option:



Order code:  
C7-3  
(1:4.2)

Order code:  
C7-5  
(1:5)

Order code:  
C-1C  
(1:1)

Order code:  
S-2C  
(1:1)

Order code:  
C5-1M  
(6:1)



C-PUMA Dental electrical motor  
Minimally invasive repair, polishing.....



Model: C-Puma

Dental Electrical Motors

Order code: C-PUMA

Feature:

- 1-Simple operating system  
Connect the dental unit to the C-Puma with a 4 holes tubing, use the foot pedal to control the electric motor.
- 2-The New-Gen of technology micromotor C-Puma  
According to the different treatments and different handpieces, the speed can be adjusted from 100—200,000rpm/min.
- 3-Compact and handy, high torque  
Ergonomic designed length and weight greatly reduce the fatigue from long time operation, the motor can be sterilized.

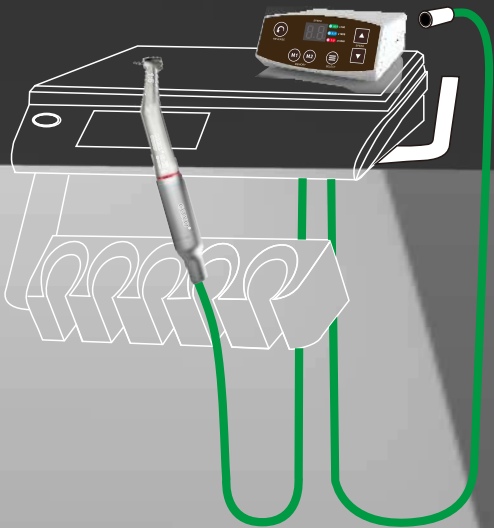
This product has been applied layout-design patent, Counterfeit must be investigated;NO.ZL201430485143.7



Brushless LED

Technical:

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Power:                | 120w                                                                      |
| Speed range:          | 2000rpm-40000rpm (1:1)<br>100rpm-2500rpm(16:1)<br>10000rpm-200000rpm(1:5) |
| LED maximum:          | >10000lux                                                                 |
| Torque output:        | 3.5N.CM                                                                   |
| Volume(cm)            | 29X23X11                                                                  |
| Weight(kg)/PCS        | 2.3                                                                       |
| Packing material      | carton                                                                    |
| QTY per master carton | 8 pc/ctn                                                                  |



Optional speed ratio: 16:1/1:1/1:5

| RPM     | 16:1  | 1:1    | 1:5     |
|---------|-------|--------|---------|
| 100     | 100   |        |         |
| 1,000   |       |        |         |
| 2,000   | 2,500 |        |         |
| 2,500   |       | 2,000  |         |
| 10,000  |       | 40,000 |         |
| 40,000  |       |        | 10,000  |
| 200,000 |       |        | 200,000 |

Option:



Order code: C7-3 (1:4.2)  
Order code: C7-5 (1:5)  
Order code: C-1C (1:1)  
Order code: S-2C (1:1)

# C-PUMA INT+ Dental electrical motor (Built-in Type)



Brushless LED

- Brushless micro electric motor
- Led light
- Small and compact , with big torque
- With colorful screen ,clear for viewing
- Touch button , easy for operation.
- Built in type which fixed in the working tray, save space.
- Optional speed adjustment



- Feature:**
- 1-Wide viewing angle color LCD screen;
  - 2-Big size color LCD,rich information display
  - 3-Touch key control, easy to use;
  - 4-Built-in, control panel can be easily installed at any angle
  - 5-Pneumatic / manual start automatically switch;
  - 6-built-in 7 program memory;
  - 7-Custom the air pressure of starting motor;
  - 8-LED lighting delay off time is adjustable.
  - 9-Speed, steering can be adjusted;
  - 10-The motor can be autoclaved;

## Technical:

|                                                    |           |
|----------------------------------------------------|-----------|
| Input power:                                       | AC24V     |
| Maximun speed:                                     | 40,000rpm |
| Maximun torque:                                    | 3.0N.cm   |
| Fit to ISO3964 contra angle and straight handpiece |           |
| 3.0-inch LCD screen resolution: 240 * 400          |           |
| Motor diameter: 20.6mm                             |           |

Order code: C-PUMA INT+  
Brushless LED



- Feature:**
- 1-brushless electrical motor,silence and free from maintenance
  - 2-Inner channel spray
  - 3-LED illumination
  - 4-Motor can be sterilized.
  - 6-Speed and direction are adjustable.
  - 7-LED intensity and delay time are adjustable.

## Technical:

|                                                    |           |
|----------------------------------------------------|-----------|
| Input:                                             | AC24V     |
| Maximun speed:                                     | 40,000rpm |
| Maximun torque:                                    | 3.5N.CM   |
| Fit to ISO3964 contra angle and straight handpiece |           |
| Volume(cm)                                         | 29X19X7   |
| Weight(kg)/PCS                                     | 0.8       |
| Packing material                                   | carton    |
| QTY per master carton                              | 10 pc/ctn |

Order code: C-PUMA INT  
Brushless LED

## Option:



- Order code:  
C7-3  
(1:4:2)
- Order code:  
C7-5  
(1:5)
- Order code:  
C-1C  
(1:1)
- Order code:  
S-2C  
(1:1)



# DB686 HALO LED Curing Lights

Comprehensive upgrade of optical systems



63 LED Curing Lights

Model:DB686 HALO

LED Curing Lights

Order code: DB686 HALO

## Technical:

|                         |                              |
|-------------------------|------------------------------|
| Adapter:                | AC100-240V, DC5V 2A, 50/60Hz |
| Wavelength range:       | 385~515nm                    |
| Optical effective area: | 65mm <sup>2</sup>            |
| LED power:              | 10W                          |
| Lithium battery:        | 3.7V 800mAh                  |



64 LED Curing Lights

more concentrated illumination , stronger penetration, achieving deep solidification

## Curing Mode



Low temperature mode



Normal temperature mode



Ultra high light intensity mode

Ultra high light intensity, one second curing, efficient curing, Light intensity 3000mW/cm<sup>2</sup>

## Orthodontic Mode



## Dental Carise Mode



## Five modes



# DB686 Honor LED Curing Lights

Auto-focusing, more intelligent  
Smart handheld power on



65 LED Curing Lights

# 3 in 1

## Curing Mode



**Normal Curing**  
Light power: 1200mw/cm<sup>2</sup>



**Low-temp**  
Unique low-temperature technology  
Equal curing effect, temperature  
lower than normal mode



**Focus Curing**  
Automatic spot focusing  
during operation

## Orthodontic Mode

Light power: > 3000mw/cm<sup>2</sup>



## Dental Carise Mode



Model:DB686 Honor

Order code: DB686 Honor

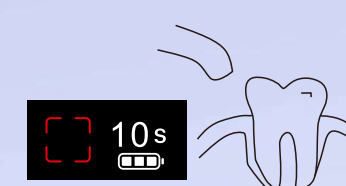
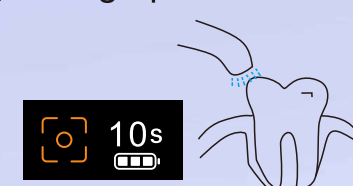
## Technical:

|                         |                               |
|-------------------------|-------------------------------|
| Adapter:                | AC100-240V, DC5V1.5A, 50/60Hz |
| Wavelength range:       | 385~515nm                     |
| Optical effective area: | 50mm <sup>2</sup>             |
| LED power:              | 10W                           |
| Lithium battery:        | 3.7V 2200mAh                  |



## Curing light focus

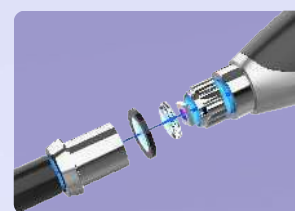
Automatic spot focusing during operation



Built-in large-capacity battery  
Non-contact recharge



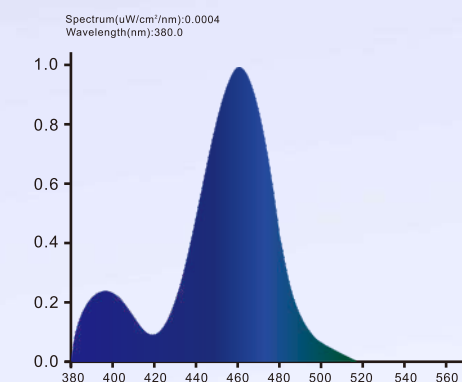
Charging base with the  
built-in light meter



Ultrahigh-intensity  
Light intensity up to 3000mW/cm<sup>2</sup>



Smart handheld power on  
Automatic recognition  
Double reminder



Wavelength:385-515nm  
Suitable for most of the resins in the market

66 LED Curing Lights

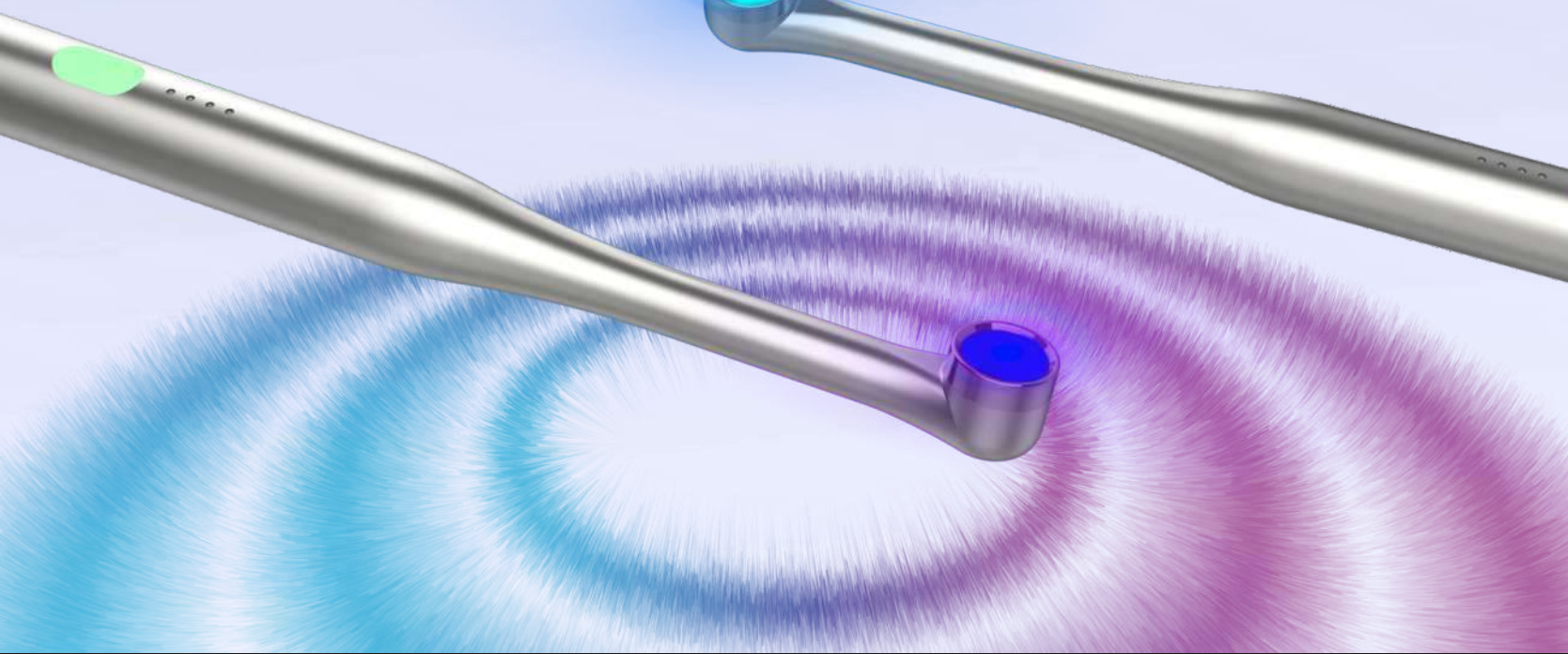


# DB686 NanoLED curing light

Small, just right;  
Use, just handy.

Small body, powerful function  
Light curing & caries detection

# 2 in 1



Model: DB686 NANO

LED Curing Lights

Order code: DB686 Nano

## Technical:

Adapter: AC100-240V, DC5V/1.5A, 50/60Hz

Light curing mode:

Wavelength: 380-520nm

Curing time: 10s/20s

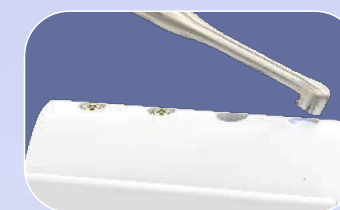
Curable depth: 8mm

Caries detection mode:

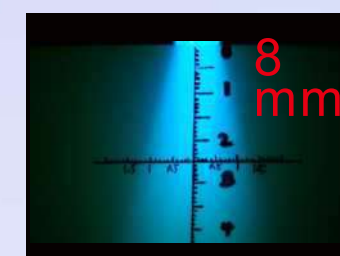
Wavelength: 380-420nm



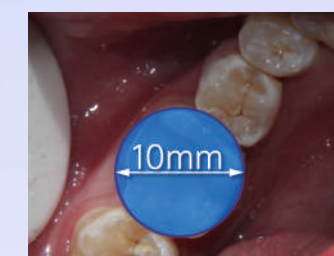
LED light  
measure system



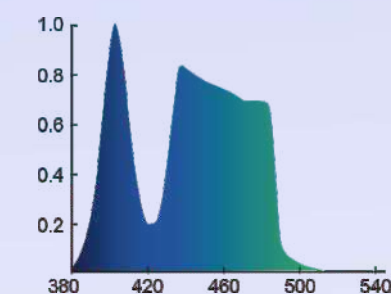
Ultra-small all-metal body  
outer diameter of only 13.5mm



8 mm deep curing depth  
Curing effect into every corner

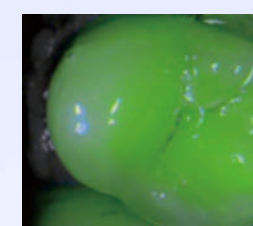


10mm diameter  
large area light emission

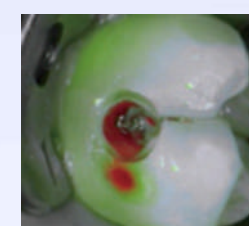


Wavelength: 380-520nm  
Suitable for most of the resins  
in the market

Detection mode:  
Simple, Effective  
Innovative caries detection

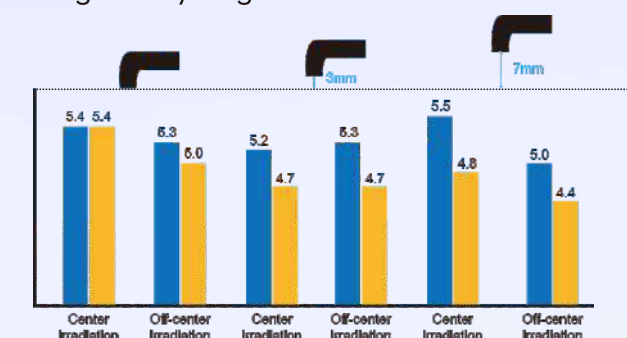


Green: Healthy



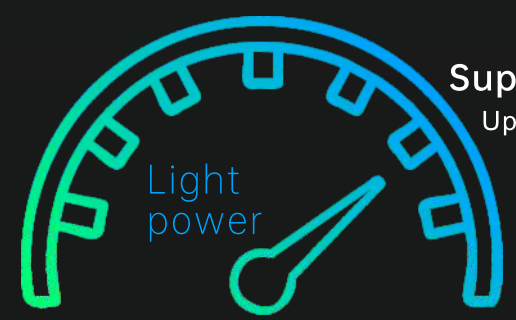
Red: Bacterial dentin

Nano can maintain strength even if  
it is not focused on the center.  
Curing at any angle can also ensure the effect



DB686 **Swift** LED curing light  
Curing & Orthodontic LED light  
Smaller, Stronger

2 in 1



Super power  
Up to 3000mw/cm<sup>2</sup>

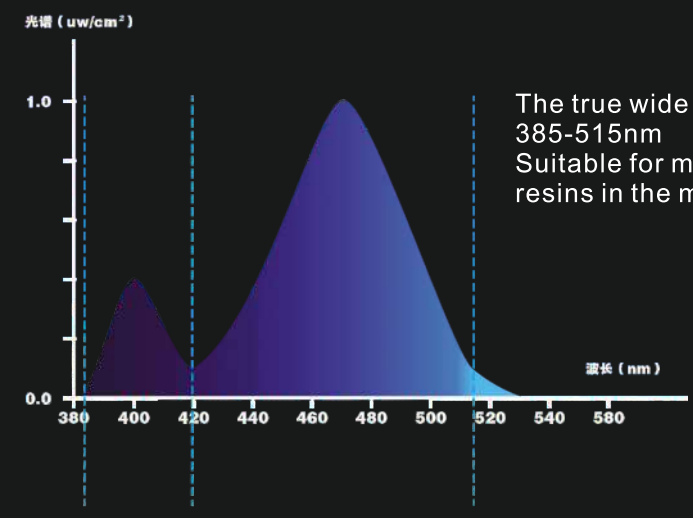
Model: DB686 Swift

LED Curing Lights

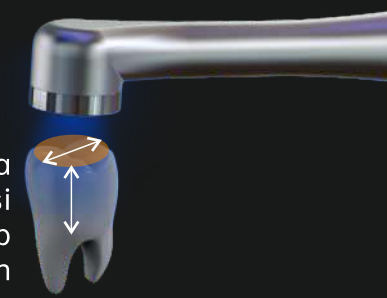
Order code: Db686 **Swift**

Technical:

|                   |                              |
|-------------------|------------------------------|
| Adapters:         | AC100-240V, 50/60Hz          |
| Wide spectrum:    | 385-515nm                    |
| Curing time:      | 5s/10s/15s/20s(Soft up mode) |
|                   | 5s(High power mode)          |
|                   | 1-8times(Orthodontic mode)   |
| Volume(cm)        | 19x12x5                      |
| Weight(kg)/PCS:   | 0.54                         |
| Packing material: | Carton                       |



- 10mm large area light emissi
- 8mm deep curing depth



Soft up mode  
Light power: 1000mw/cm<sup>2</sup>  
Working time: 5s/10s/15s/20s



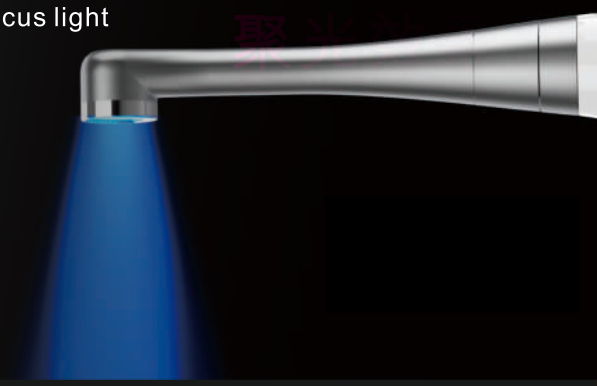
High power mode  
Light power: >2000mw/cm<sup>2</sup>  
Working time: 5s



Orthodontic mode  
Light power: >3000mw/cm<sup>2</sup>  
Working time: 1-8times



Super focus light



69 LED Curing Lights

70 LED Curing Lights



Model: DB686 Deli

LED Curing Lights



- Purple
- Green
- Blue
- Black



Feature:

- 1-High power LED, purely dental blue light.
- 2-High articulation optical fiber.
- 3-Digital display, Clear and intuitive operation.
- 4-Three working modes: strong, gradually strong, flashing.
- 5-Optional working time: 5sec, 10sec, 15sec, 20sec.
- 6-Automatic inactive, automatic power off.
- 7-Low battery detection.
- 8-Removable large capacity Li-ion battery.
- 9-Soft pushbutton, nice feel.

Technical:

|                                |                    |
|--------------------------------|--------------------|
| Charger working voltage:       | AC100-240V,50/60Hz |
| wavelength::                   | 420-480nm          |
| Solidification time and depth: | 5s3mm              |
| Volume(cm)                     | 23X13X5.5          |
| Weight(kg)/PCS                 | 0.6                |
| Packing material               | carton             |
| QTY per master carton          | 10 pc/ctn          |

Application:

Solidify all brands of resin materials.

Order code: DB686 DELI

Model: DB686 Latte



Feature:

- 1-High power LED,purely dental blue light
- 2-Digital display, adjustable work time
- 3-High capacity rechargeable Li-ion battery ,low battery detection
- 4-Low-power,long standby time
- 5-Over-temperature protection,light source detection

This product has been applied layout-design patent, Counterfeit must be investigated;NO.ZL200830107969.4

Technical:

|                                |                    |
|--------------------------------|--------------------|
| Charger working voltage:       | AC100-240V,50/60Hz |
| wavelength::                   | 420-480nm          |
| Solidification time and depth: | 5s3mm              |
| Volume(cm)                     | 24X19X9            |
| Weight(kg)/PCS                 | 0.6                |
| Packing material               | carton             |
| QTY per master carton          | 10 pc/ctn          |

Application:

Solidify all brands of resin materials.

Order code: DB686 LATTE

This product has been applied layout-design patent. Counterfeit must be investigated.

Model: DB686 Penguin

LED Curing Lights



Feature:

- 1-High power LED,professional dental spectrum.
- 2-Bionic design,LCD display.
- 3-Optional working mode: strong, low, gradually strong, flashing.
- 4-Solidifying time:5-40s,can be adjustable.
- 5-Temperature inspect, over-temperature protection.
- 6-High capacity Li-ion battery , and can charge with charge. base or adaptor.
- 7-Wireless and corded are compatible in one
- 8-Built-in high sensitive LED light measure system.
- 9-Handle can put on the tool tray with the holder.

Technical:

|                                |                    |
|--------------------------------|--------------------|
| Charger working voltage:       | AC100-240V,50/60Hz |
| wavelength::                   | 420-480nm          |
| Solidification time and depth: | 5s3mm              |
| Volume(cm)                     | 24X22.5X9.5        |
| Weight(kg)/PCS                 | 1.5                |
| Packing material               | carton             |
| QTY per master carton          | 6 pc/ctn           |

Application:

Solidify all brands of resin materials.

This product has been applied layout-design patent, Counterfeit must be investigated;NO.ZL2010930080816.X

Order code: DB686 PENGUIN



Model: DB686 1b



wireless



corded



Connecting the main unit to use as cord style with adaptor. Free Coupling For Corded Use

Order code: DB686-1b

Feature:

- 1-Dental special high power LED
- 2-High articulation optical fiber
- 3-Three working modes:strong,gradually strong,flashing
- 4-Optional working time:10sec,15sec,20sec
- 5-Automatic inactive,automatic power off
- 6-Low battery alert
- 7-Super capacity battery
- 8-Membrane pushbutton,soft feel

This product has been applied layout-design patent, Counterfeit must be investigated;NO.ZL201073052828.2

Application:

Solidify all brands of resin materials.

Technical:

|                                |                    |
|--------------------------------|--------------------|
| Charger working voltage:       | AC100-240V,50/60Hz |
| wavelength::                   | 420-480nm          |
| Solidification time and depth: | 5s3mm              |
| Volume(cm)                     | 23X13X5.5          |
| Weight(kg)/PCS                 | 0.6                |
| Packing material               | carton             |
| QTY per master carton          | 10 pc/ctn          |

Model: DB686 Super-Lux

## LED Curing Lights

Model: C-Bright

## Teeth Whitening Accelerator

### Feature:

- 1-Dental special high power LED
- 2-Optional light intensity:strong,medium,low
- 3-Optional working mode:fixed,gradually strong,flashing
- 4-Time : 5 seconds to 30 minutes.
- 5-high-capacity lithium-ion battery, battery check function

This product has been applied layout-design patent,  
Counterfeit must be investigated;NO.ZL201220344676.9

### Technical:

|                                |                    |
|--------------------------------|--------------------|
| Charger working voltage:       | AC100-240V,50/60Hz |
| wavelength::                   | 420-480nm          |
| Solidification time and depth: | 5s3mm              |
| Volume(cm)                     | 24X19X9            |
| Weight(kg)/PCS                 | 1.0                |
| Packing material               | carton             |
| QTY per master carton          | 6 pc/ctn           |

### Application:

Solidify all brands of resin materials.

### Feature:

- 1-new-style structure and unique form, compact and elegance
- 2-Double handles, drug type arm,multi-angle adjustment to make the operate more flexibly
- 3-Unique semi-circular head design, both arches whitened at the same time
- 4-6pcs high power LED, fan-cooled
- 5-10s and 30s as a curing ligh,1-30minutes as a whitening accelerator
- 6-6 light intensities,suitable for more brands tooth whitening gel
- 7-LCD module screen shows all the information, all the operation is so easy
- 8-Chairside type is available

### Technical:

|                   |                                              |
|-------------------|----------------------------------------------|
| Input power:      | AC100-240V,50/60Hz                           |
| Light resource:   | 6pcs high power LED                          |
| Wavelength:       | 420nm-490nm                                  |
| Light intensity:  | 6 intensities,maximum>6000mW/cm <sup>2</sup> |
| Adjustable timer: | 10s,30s, 1m,2m,5m,8m, 10m,15m,20m,30m        |

|                  | C-bright                        | C-bright-b                    |
|------------------|---------------------------------|-------------------------------|
| Volume(cm)       | base:63x63x23,<br>arm:100x26x27 | base:22x18x3<br>arm: 52x52x22 |
| Weight(kg)/PCS   | 20.0kg                          | 0.13kg<br>6.0kg               |
| Packing material |                                 | carton                        |

### Order code: C-BRIGHT

This product has been applied layout-design patent. Counterfeit must be investigated.  
ZL201030178145.3 ZL201220344678.9

### Feature:

- 1-simple,light and handy moldin design.
- 2-Hand-held and fixed dual-use two design,freely to adjust to any angle position
- 3-Unique aemi-cicular head design,both arches whitened at the same time.
- 4-6 pcs high power LED,fan-cooled.
- 5-1-0 minutes adjustable timer,3 light intensities,suitabl for more brands tooth whitening gel
- 6-Led screen shows all the information,all the operation is so easy
- 7-Integrated type is available

This product has been applied layout-design patent,  
Counterfeit must be investigated;NO.ZL201030178149.1

### Technical:

|                   |                                              |
|-------------------|----------------------------------------------|
| Input power:      | AC100-240V,50/60Hz                           |
| Light resource:   | 6pcs high power LED                          |
| Wavelength:       | 420nm-490nm                                  |
| Light intensity:  | 3 intensities,maximum>6000mW/cm <sup>2</sup> |
| Adjustable timer: | 1m,5m,8m,10m,15m,30m                         |

|                  | C-bright-1a                     | C-bright-1 |
|------------------|---------------------------------|------------|
| Volume(cm)       | base:54x54x24,<br>arm:100x14x12 | 52x52x22   |
| Weight(kg)/PCS   | 9.0kg                           | 5.5kg      |
| Packing material |                                 | carton     |

### Order code: C-BRIGHT-1a



Model: DB988+

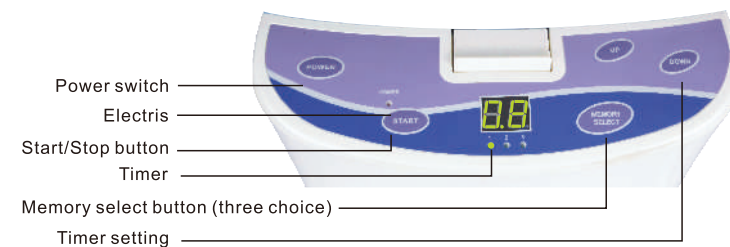
## Dental Alginate Mixer

### Feature:

- 1-Streamline modelling, perfect design, smart construction
- 2-electric lock and motor brake gear ensure operational security
- 3-High-power and high-speed motor, fine viscosity and perfect mixture
- 4-Easy to operation,harmonious, no bubbles
- 5-3 programs setting for memory the mixing time  
(Install setting: 6, 8, 10 seconds)

### Technical:

|                  |                                |
|------------------|--------------------------------|
| Voltage:         | AC110V 50/60HZ; AC220V 50/60HZ |
| Consumer power:  | 350-400W                       |
| Wavelength:      | 420nm-490nm                    |
| Timer:           | 1-16seconds                    |
| Revolution:      | 3000-3600 R.P.M.               |
| Volume(cm)       | 40x33x45                       |
| Weight(kg)/PCS   | 26.0kg                         |
| Packing material | wooden                         |



Order code: DB-988



1. Accelerator built on mixing bowl cap



2. Measure the correct amount of alginate & water for use



3. Close tightly the cap of mixing bowl



4. Place it into the well of Alginate mixer



5. Press down the key "ST/STOP" to start running



6. Take out the mixture by the spatula

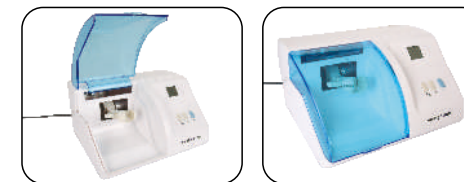


Model: DB338

## Amalgamators



Order code: DB-338



### Feature:

- 1-This kind of amalgamator, controlled by a microprocessor, ensures a precise, controlled, consistent mix.
- 2-With the width of the oscillating range, the mixing frequency, and your selected time(1-99S).
- 3-It's revolve according to "8" model.
- 4-For mercury-based fillings. trust the performance of DB338 amalgamator. Together, it provides the clinical perfection you need with the ease-of-use you want.
- 5-For safe operation, the DB338 deactivates when you open the front cover to access the capsule.
- 6-Its ergonomic design is easy to use, stable, extremely quiet and easy to clean and maintain

### Technical:

|                           |                                             |
|---------------------------|---------------------------------------------|
| Voltage:                  | 220 V / 50 Hz (110 V / 60 Hz are available) |
| Absorbed power:           | 200W Fuse 2A                                |
| Mixing frequency:         | >3400tr/mn(rpm)                             |
| Noise:                    | <65dB                                       |
| Programmable mixing time: | 1-99sec.                                    |
| Volume(cm)                | 33x27x20                                    |
| Weight(kg)/PCS            | 4.5kg                                       |
| Packing material          | carton                                      |

Model: DB 4860



Order code: DB-4860

### Technical:

|                               |                                                                            |                                                         |
|-------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------|
| Tank capacity                 | 6000ML (1.6 gallon US)                                                     | Max.5000ml/1.3gallon (US)<br>Min.3350ml / 0.9gallon(US) |
| Tank Size                     | 33.1X23.8 X10.5CM/ 13.0"X9.4 "X4.1"                                        |                                                         |
| Longest Item Fits Inside Tank | 34.0CM/13.4"                                                               |                                                         |
| Power                         | 290 W (AC100~120V 60Hz)<br>310W (AC220~240V 50Hz)<br>270W (AC100V 50/60Hz) |                                                         |
| Digital timer                 | 1 to 30-minute full range timer                                            |                                                         |
| Drainage                      | Drainage valve                                                             |                                                         |
| Ultrasonic Frequency          | 35,000Hz                                                                   |                                                         |
| Tank Weight                   | Stainless steel SU 304                                                     |                                                         |
| Net Weight                    | 9.3kg/20.7lb                                                               |                                                         |
| Gross Weight                  | 10.9kg/24.2lb                                                              |                                                         |
| Inner Box Size                | 50.5x36.0x25.0cm/17.2"x11.8"x 9.8 "                                        |                                                         |
| Master Carton Size            | 52.0 x37.5 x66.0cm/20.0"x14.8"x26.0"                                       |                                                         |

Model: DB 4820

## Ultrasonic cleaners



Order code: DB-4820

### Technical:

|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Ultrasonic Frequency | 42,000 Hz                                                   |
| Tank Material        | Stainless Steel SUS304                                      |
| Tank Capacity        | 2500 ml                                                     |
| Timer                | Digital timer with 5 cycles<br>(180/280/380/480/90 seconds) |
| Power Supply         | AC 100 ~ 120V, 50 / 60Hz<br>AC 220 ~ 240V, 50 / 60 Hz       |
| Power                | 160 W(AC110V-120V);170W(AC220V-240V)                        |
| Unit Size            | 35X26X23 cm ( L x W x H )                                   |
| Unit N.W.            | 3KG                                                         |

PT Master     Dental Scaler and Air Polisher

Powerful  
More intelligent

2 in 1

77  
Dental Scaler and  
Air Polisher



Model:PT Master

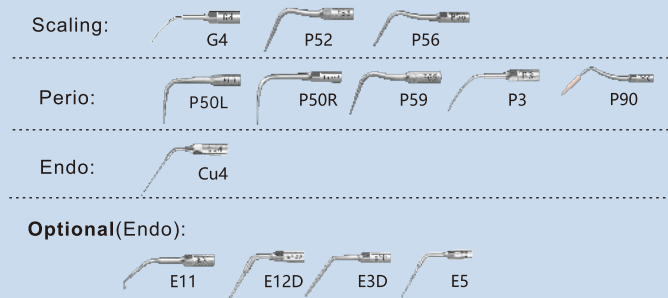
Order code: PT Master

Technical:

|                                      |                      |
|--------------------------------------|----------------------|
| Adapter:                             | AC100-240V50/60Hz    |
| Input power:                         | 80VA                 |
| Operating mode:                      | Continuous operation |
| Ultrasonic Tips vibration offset:    | <200um               |
| Ultrasonic Tips vibration frequency: | 24-36 kHz            |
| Half offset force:                   | ≥0.5N                |
| Ultrasonic Tips output power:        | 0.8-13w              |
| Input pressure:                      | 0.55-0.7Mpa          |
| Weight:                              | 3kg                  |
| Control unit size:                   | 30×26×13cm           |

Dental Scaler and Air Polisher

Scaler Tips:



Handpiece  
intelligent recognition system

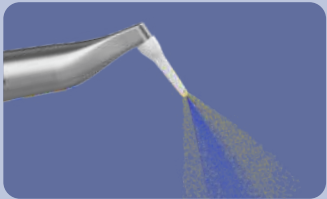
Pick up the handle and automatically  
switch to working mode



**Small caliber nozzle**  
More accurate scaling



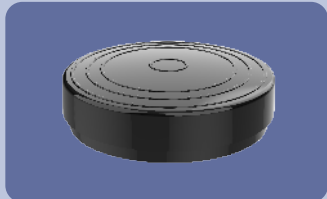
**Large bottle design**  
Design of funnel-shaped powder chamber,  
Smoother use, 1000ml water storage bottle



**3 hole sandblasting**  
More concentrated sandblasting,  
Reduce sand powder flying



**Segmented design**  
Simple disassembly,  
Convenient cleaning



**Wireless  
Multi-purpose pedal**  
Not limited by angle,  
convenient and easy to use



**LED ultrasonic handpiece**  
Safe and durable

78  
Dental Scaler and  
Air Polisher



# CP-1 Dental Air Polisher

Comfortable and clean  
Better sandblasting effect  
Supragingival & subgingival mode Two-in-one

# 2 in 1



79 Air Abrasion System with spray

Model:CP-1

Dental Air Polisher

Order code: CP-1

## Technical:

|                                   |            |
|-----------------------------------|------------|
| Input air pressure:               | 250-450kPa |
| Input water pressure:             | 70-220kPa  |
| Water flow:                       | > 30ml/min |
| Nozzle caliber for power measures | 0.7mm      |
| Nozzle caliber for water measures | 1.4mm      |
| Weight:                           | 145g       |



Supragingival & subgingival mode  
Two-in-one



80 Air Abrasion System with spray

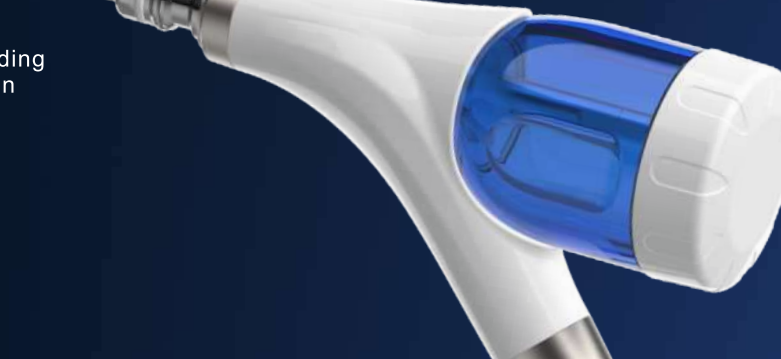
360° rotation  
Removable for easy cleaning  
and maintenance



Sectional design  
simple loading and unloading  
easy to clean and maintain



360° viewable  
Transparent powder container enables  
easier observation of remaining powder



# DP-1/ DP-2/ DP-3    Prophylaxis Powder

3 major series & 4 specifications  
Meet various needs  
Improve treatment efficiency

Model:DP-1/ DP-2/ DP-3

Prophylaxis Powder



## 65um Sodium Bicarbonate

Order code: DP-1  
Particle size: 65um  
Net:300g  
Supragingival application  
Product Flavor:Lemon /Strawberry  
Sodium bicarbonate has an anti-inflammatory and anti-caries effect, with a Mohs hardness of 2.5. It is a quick and easy scaling method. The hardness remains between the enamel and dentin. It can easily clean plaque and stubborn pigments on the gums without damaging the teeth.



## 14um Erythritol

Order code: DP-3(14um)  
Particle size: 14um  
Net:120g  
Supragingival & Subgingival application  
The average diameter of Erythritol powder particles is 14 microns. The very fine powder can clean teeth in a minimally invasive manner without damaging tooth enamel, root surface cementum and soft tissue. Erythritol antibacterial and anti-caries contains 0.3% chlorhexidine, which can effectively prevent and treat gingivitis and periodontitis.



## 25um Glycine

Order code: DP-2(25um)  
Particle size: 25um  
Net:120g  
Supragingival & Subgingival application  
Glycine itself is slightly sweet and has a pleasant taste. The Mohs hardness is only 2.0, which is smaller than dentin. It has a gentle effect. The average particle diameter is only 25 microns. It is a fine particle. It can be used for subgingival scaling, periodontal and peri-implant cleaning in minimally invasive scaling and maintain



## 65um Glycine

Order code: DP-2(65um)  
Particle size: 65um  
Net:200g  
Supragingival application  
Glycine itself is slightly sweet and has a pleasant taste. Its Mohs hardness is only 2.0, which is smaller than dentin and has a gentle effect. It can be used on natural gum plaque and stubborn pigments without damaging teeth





# CA-1 Air Abrasion System with spray

Dry and wet dual-use  
Better sandblasting effect  
Better moisture-proof effect



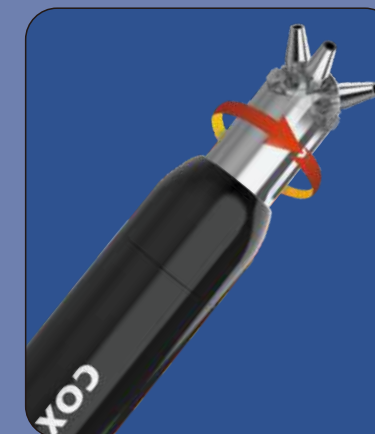
Model: CA-1

Air Abrasion System with spray

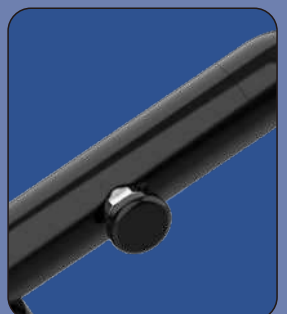
Order code: CA-1(M4) ☹  
CA-1(B2) ☹

## Feature:

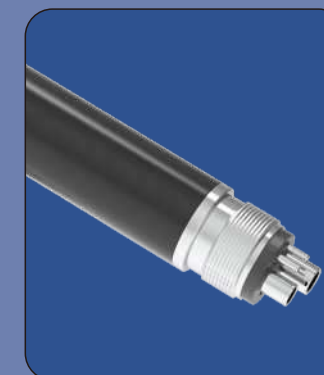
1. Built in unique design negative pressure balance gas path structure, effectively prevent external moisture into the sand bottle, prevent sand powder from moisture
2. Unique multi-point water spray design, External intersection, Effectively prevent back suction plugging hole and prevent sand powder from damp
3. The nozzle is made of tungsten steel with long service life
4. The nozzle seat can rotate 360° and is detachable for easy cleaning and maintenance



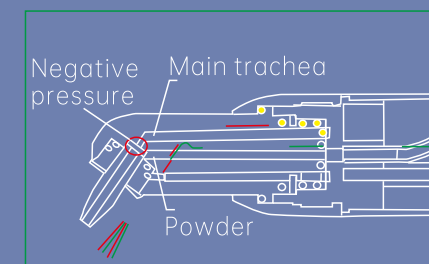
360° rotation  
Removable for easy cleaning  
and maintenance



Humanized  
Button Design  
It is more comfortable to  
press with your index finger



Standard 4-hole design  
Easy connect, easy to use



Negative pressure balance design  
Effectively prevent sand powder  
from getting damp



Unique multi-point water  
and air mixing outside,  
better effect and better  
moisture resistance

# TP-1 Dental Polisher

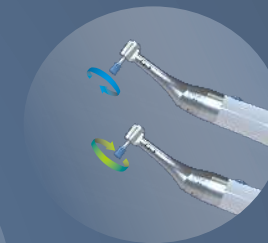
Model: TP-1

Dental Polisher

Order code: TP-1

**Technical:**

|                           |                     |
|---------------------------|---------------------|
| Adaptor working voltage   | AC100-240V 50/60HZ; |
| Adjustable torque,range   | 0.9N.cm             |
| rotational speed ranging: | 500-5000rpm         |
| Volume(mm)                | 130.2×23.4×20.5     |
| Weight(kg)/PCS            | 2.8                 |
| Packing material          | carton              |
| QTY per master carton     | 6pc/ctn             |





# GENI Dental Anesthesia Booster

Wireless handheld  
Stable injection  
Intelligent



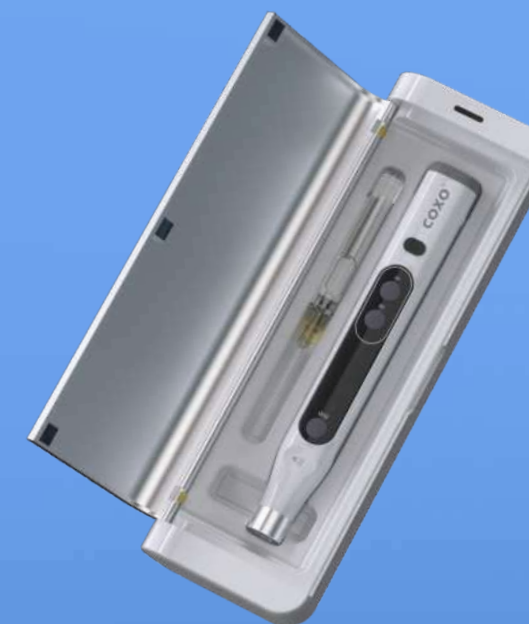
Model: GENI

Dental Anesthesia Booster

Order code: GENI

## Technical:

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| Adaptor working voltage:        | Input: 100-240V 50/60Hz<br>Output: DC5V, 2A |
| Handpiece lithium battery:      | 3.7V 220mAh                                 |
| Charging stand lithium battery: | 3.7V 800mAh                                 |
| Operation mode:                 | Short time                                  |
| Volume:                         | 2.3×2.3×16.5cm                              |
| Weight:                         | 80g                                         |
| Packing material:               | Carton                                      |



## 3 Boost Modes

High-precision stable injection

Injection rate (1.8ml per injection)

|       |     |       |  |
|-------|-----|-------|--|
|       |     |       |  |
|       |     |       |  |
| 1.7mL |     |       |  |
|       | Low | 1.0mL |  |

•About 285s•

|       |     |       |  |
|-------|-----|-------|--|
|       |     |       |  |
|       |     |       |  |
| 1.7mL |     |       |  |
|       | Mid | 1.0mL |  |

•About 130s•

|       |      |       |  |
|-------|------|-------|--|
|       |      |       |  |
|       |      |       |  |
| 1.7mL |      |       |  |
|       | High | 1.0mL |  |

•About 89s•



•Soft touch control  
Induction injection, more  
convenient for dentist to use



•Manual aspiration  
Clear display interface at a glance

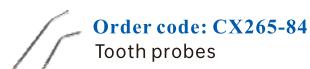


•Music prompts  
Soothe patients  
get safe treatment

## ACCESSORY OF Electric Equipment

### Pulp tester

#### For C-PULSE



Order code: CX265-84  
Tooth probes

### Root Apex Locators

#### For C-ROOT I



Order code: CX265-19  
Test wire



Order code: CX265-17  
Lip hook

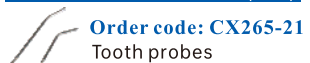


Order code: CX265-52  
File holder



Order code: CX265-29  
Adapter(DC5V, 1A)

#### For C-ROOT I(VI)



Order code: CX265-21  
Tooth probes



Order code: CX265-22  
Test handle



Order code: CX265-16  
Text wire



Order code: CX265-17  
Lip hook



Order code: CX265-20  
Battery



Order code: CX265-28  
Adapter(DC10V, 1.5A)



Order code: CX265-18  
File holder

### Endodontic Obturation System

#### For C-FILL MINI



Order code: CX265-70  
Heat plunger



Order code: CX265-2  
Gun needle



Order code: CX265-71  
Thermal protector cap



Order code: CX265-27  
Adapter(DC5V, 1.5A)



Order code: CX265-4  
Multi-tool

#### For C-FILL



Order code: CX265-1  
Heat plunger



Order code: CX265-2  
Gun needle



Order code: CX265-3  
Thermal protector cap



Order code: CX265-27  
Adapter(DC5V, 1.5A)



Order code: CX265-4  
Multi-tool

### Root Canal Irrigation & Suction System

#### For C-RCC



Order code: CX265-86  
Tip A (C-RCC)



Order code: CX265-87  
Tip B (C-RCC)

### Endo Ultrasonic Activator

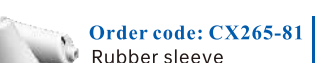
#### For ULTRA-SMART



Order code: CX265-79  
Working tip (CU1)



Order code: CX265-80  
Wrench



Order code: CX265-81  
Rubber sleeve



Order code: CX265-27  
Adapter(DC5V, 1.5A)

#### For ULTRA-SMART AI



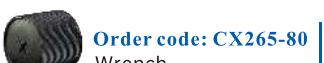
Order code: CX265-79  
Working tip (CU1)



Order code: CX265-92  
Working tip (CU2)



Order code: CX265-93  
Working tip (CU3)



Order code: CX265-80  
Wrench



Order code: CX265-81  
Rubber sleeve



Order code: CX265-27  
Adapter(DC5V, 1.5A)

### Endo motors

#### For C-SMART-IPILOT



Order code: CX265-67  
Test wire



Order code: CX265-68  
Lip hook line



Order code: CX265-52  
File holder



Order code: CX265-28  
Adapter(DC10V, 1.5A)



Order code: CX265-13  
Cover remover



Order code: CX265-17  
Lip hook



Order code: C5-4M  
Contra angle



Order code: CX265-77  
Oil filling nozzle

#### For C-SMART-I PRO



Order code: CX265-19  
Test wire



Order code: CX265-9  
Lip hook line



Order code: CX265-52  
File holder



Order code: CX265-54  
Adapter(DC10V, 1.5A)



Order code: CX265-53  
LED part



Order code: CX265-17  
Lip hook



Order code: C4-2M  
16:1 Contra angle



Order code: CX265-62  
Motor handle

#### For C-SMART-MINI AP



Order code: CX265-67  
Test wire



Order code: CX265-68  
Lip hook line



Order code: CX265-52  
File holder



Order code: CX265-28  
Adapter(DC10V, 1.5A)



Order code: CX265-13  
Cover remover



Order code: CX265-17  
Lip hook



Order code: C4-2M  
Contra angle



Order code: CX265-77  
Oil filling nozzle

#### For C-SMART-MINI / C-SMART-MINI(LED)



Order code: CX265-55  
LED part



Order code: CX265-28  
Adapter(DC10V, 1.5A)



Order code: CX265-77  
Oil filling nozzle



Order code: CX265-13  
Cover remover



Order code: C1-16M  
1:1 Contra angle  
For C-SMART-MINI



Order code: C1-17M  
1:1 Contra angle  
For C-SMART-MINI(LED)

#### For C-SMART-I



Order code: CX265-8  
Contra angle holder



Order code: CX265-9  
Lip hook line



Order code: CX265-52  
File holder



Order code: CX265-28  
Adapter(DC10V, 1.5A)



Order code: CX265-10  
Battery



Order code: CX265-17  
Lip hook



Order code: CX265-60  
Test wire



Order code: CX265-77  
Oil filling nozzle



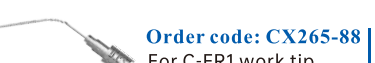
Order code: CX265-13  
Cover remover



Order code: C1-17M  
1:1 Contra angle

### File Removal System

#### For C-FR1



Order code: CX265-88  
For C-FR1 work tip



Order code: CX265-89  
For C-FR1 NiTi Path Drill



Order code: CX265-90  
For C-FR1 Flat Drill



Order code: CX265-91  
For C-FR1 Trepphine



Ultrasonic Surgery System

For C-EXPLORER



**Order code: CX265-38**  
Water supply pipe



**Order code: CX265-94**  
Handpiece with wire



**Order code: CX265-95**  
Basic handpiece tips kit



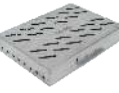
**Order code: CX265-96**  
Torque wrench



**Order code: CX265-97**  
Handpiece holder



**Order code: CX265-98**  
Pedal



**Order code: CX265-99**  
Sterilization case



**Order code: CX265-100**  
Tip holder



**Order code: CX265-101**  
US1 Tip



**Order code: CX265-102**  
US2 Tip



**Order code: CX265-103**  
US4 Tip



**Order code: CX265-104**  
US5 Tip



**Order code: CX265-105**  
UL3 Tip



**Order code: CX265-106**  
UC1 Tip

Dental Implantation system

For C-SAILOR PRO



**Order code: CX265-38**  
Water supply pipe



**Order code: CX265-64**  
Motor with wire



**Order code: CX265-63**  
Foot control



**Order code: C6-22**  
Optic fiber  
20:1 contra angle

For C-SAILOR



**Order code: CX265-38**  
Water supply pipe



**Order code: CX265-40**  
Motor with wire



**Order code: CX265-41**  
Foot control



**Order code: C6-23**  
20:1 contra angle

Dental Scaler and Air Polisher

For PT-MASTER



**Order code: CX265-107**  
G4 Tip



**Order code: CX265-108**  
P52 Tip



**Order code: CX265-109**  
P56 Tip



**Order code: CX265-110**  
P50L Tip



**Order code: CX265-111**  
P50R Tip



**Order code: CX265-112**  
P59 Tip



**Order code: CX265-113**  
P3 Tip



**Order code: CX265-114**  
P90 Tip



**Order code: CX265-115**  
Cu4 Tip

Optional:



**Order code: CX265-116**  
E11 Tip



**Order code: CX265-117**  
E12D Tip



**Order code: CX265-118**  
E3D Tip



**Order code: CX265-119**  
E5 Tip

Dental Electrical Motors

For C-PUMA Series



**Order code: CX265-75**  
Micro motor



**Order code: CX265-43**  
Adapter(DC30V, 4A)

LED Curing Lights

Optical fiber



order name:  
**CX233-3**  
for 686/DB-686-1



order name:  
**CX233-6**  
for 686 LATTE/CAPPU



order name:  
**CX233-7**  
for 686 SUPER LUX/  
SUPER DUAL



order name:  
**CX233-8**  
for 685 PENGUIN/  
686 DELI



order name:  
**CX233-10**  
for hunter(90°)



order name:  
**CX233-11**  
for hunter(120°)



order name:  
**CX265-78**  
for 686 NANO



order name:  
**CX265-85**  
for 686 SWIFT

Battery



**Order code: CX265-45**  
Battery for DB686 DELI



**Order code: CX265-46**  
Battery for DB686 LATTE



**Order code: CX265-48**  
Battery for DB686 PENGUIN



**Order code: CX265-49**  
Battery for DB686 SUPER DUAL



**Order code: CX265-50**  
Battery for DB686-1b



**Order code: CX265-72**  
Battery for DB686 NANO

Other Accessories



**Order code: CX265-73**  
Head cover



**Order code: CX265-51**  
Eye protection unit



**Order code: CX265-74**  
Diagnostic goggles

Other Accessory



**Order code: CX265-58**  
Gutta percha trimmer



**Order code: CX265-56**  
Disinfection box



**Order code: CX265-25**  
Cleaning table-board



**Order code: CX265-57**  
File rack with measuring ruler



**Order code: CX265-23**  
File rack with measuring ruler



**Order code: CX265-24**  
Measuring ruler



**Order code: CX265-33**  
Root canal plastic module



Handpiece Series  
Professional Dental Handpiece Manufacturer

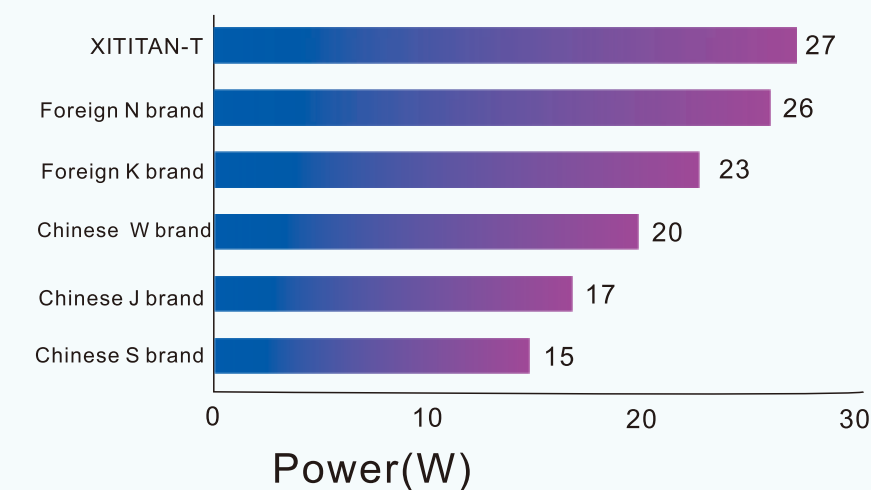
Model: CX207-B

High-speed air turbine handpieces

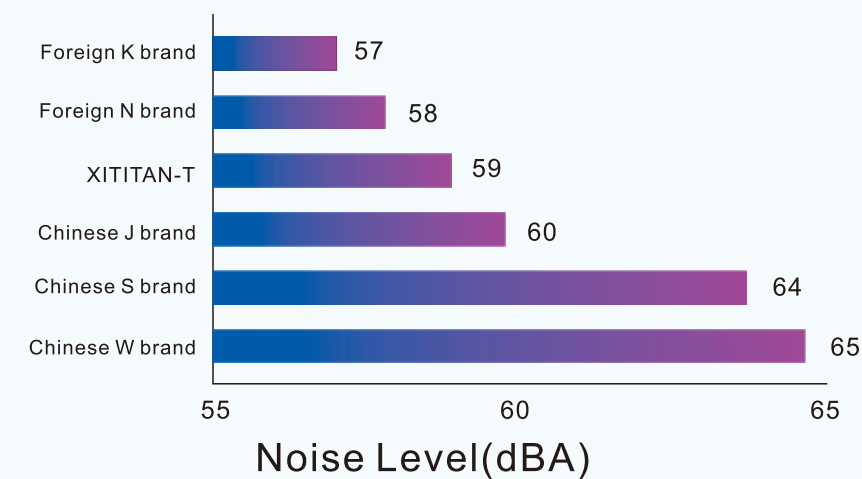
## X TITAN SUPER TORQUE

*special design of cartridge and air duct  
more stable, more quiet, more powerful*

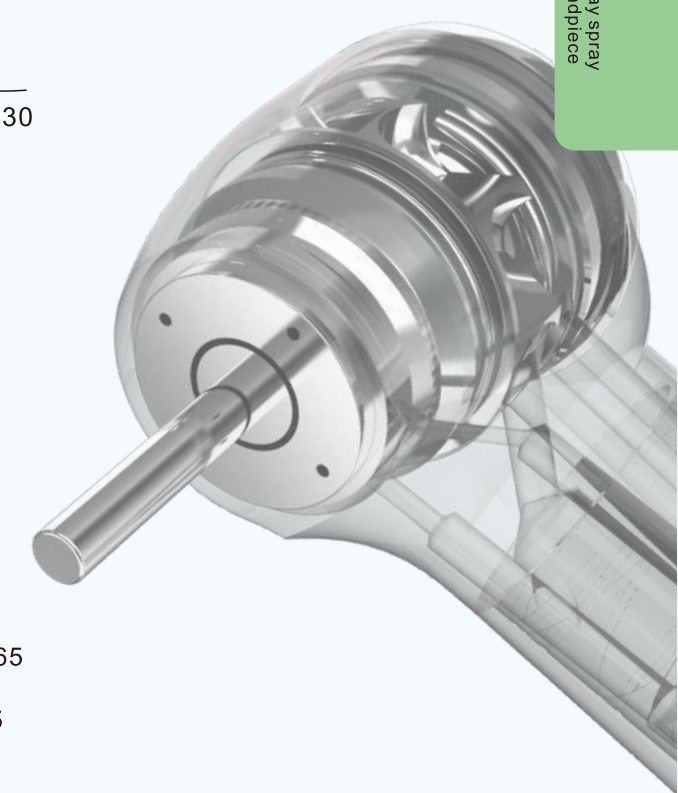
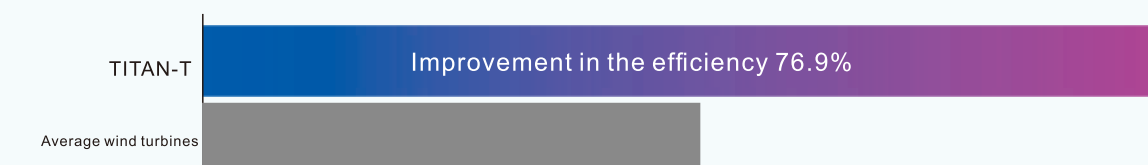
The super torque is bigger than most other brand



Mute, compare favorably with international high level products



Compared with previous models  
improvement in the efficiency 76.9%



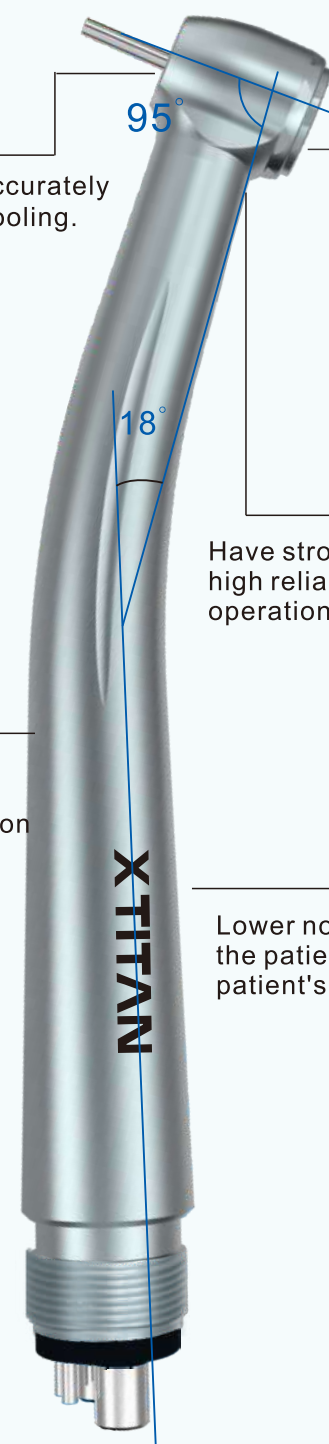


## XTITAN

### SUPER TORQUE

- The cartidge according to Germany dynamic balancer to keep balance, lower noise
- Optimized torsion design, ensure provide stronger torque in long time

95°  
4 way spray  
handpiece



95°

Imported bearing

Long life, low noise and stable

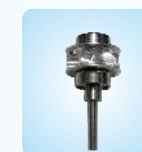
- Four-hole spray, unique spray angle, can accurately cover the tip of the bur, provides excellent cooling.

18°

Have strong chucking power, and high reliability, let the whole operation much reliably, relieved

The TITAN body is designed to be ideal for 18 degrees and the head is 95 degrees. Provides the dentist with the best view, freedom of operation

Lower noise design can remit the patient fear, increase the patient's satisfaction



Order code: 210-B3-SP

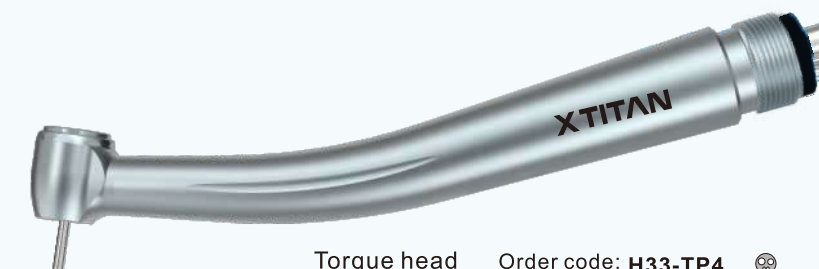


Standard head

Order code: H33-SP4  
H33-SP2



Order code: 210-B3-TP

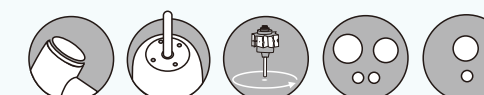


Torque head

Order code: H33-TP4  
H33-TP2

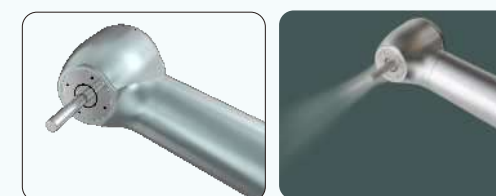


95°  
4 way spray  
handpiece



### Technical:

|                                     |                                                       |
|-------------------------------------|-------------------------------------------------------|
| The type of cooling                 | 4 way spray                                           |
| Chuck type:                         | push button                                           |
| Noise                               | ≤60dB                                                 |
| Air pressure at the back end of HP: | 0.25-0.28 MPA(4hole)<br>0.20-0.22 MPA(2hole)          |
| Bur applicable:                     | Ø1.59-Ø1.6mmx21-23mm                                  |
| Rotation speed:                     | ≥370,000rpm                                           |
| The size of head                    | Ø12.5X14.8 (toquire head)<br>Ø11.5X14 (standard head) |



4 way spray, Good cooling system

# LED HANDPIECE WITH GENERATOR

Model: CX207-F

New upgrade, new LED bulb, new integrated head



## Self-luminous

**Balanced impeller**  
Cartridge passed the Germany  
dynamic balance machine test

**Imported bearing**  
Long life, low noise and stable

Graceful body, simple, portable  
easy clean, easy control

Reject welding,  
complete head made  
by CNC, more stable!

**3 way spray, 3 air**  
Head and cartridge with  
anti-retraction structure

**Professional LED light source,**  
superior brightness, Longevity  
10000 hours.

**Unique electric generator,**  
just a little air can generate  
sufficient power;

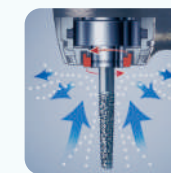
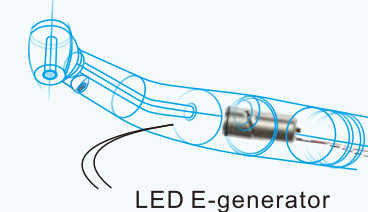
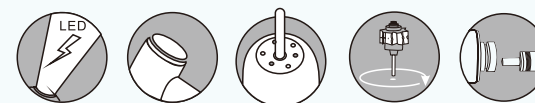
This product has been applied layout-design  
patent, counterfeit must be investigated.  
NO. ZL201220717131.8 ZL201210563855.6

### Technical:

|                                     |                      |
|-------------------------------------|----------------------|
| High speed handpiece:               | 3 way spray 3 air    |
| Chuck type:                         | push button          |
| Bulb:                               | LED light            |
| Noise                               | ≤70dB                |
| Air pressure at the back end of HP: | 0.25-0.28 MPA(4hole) |
|                                     | 0.20-0.22 MPA(2hole) |
| Bur applicable:                     | Ø1.59-Ø1.6mmx21-23mm |
| Rotation speed:                     | ≥ 300,000rpm         |

Model: CX207-F

## High-speed air turbine handpieces



Order code: **210-F+-SP**



Standard head

Order code: **H15-SP4**  
**H15-SP2**



Order code: **210-F+-TP**



Torque head

Order code: **H15-TP4**  
**H15-TP2**



(Self-Luminous)

Mini head

Order code: **H05-MP4**  
**H05-MP2**



Order code: **210-F-MP**



Miniature head Quick coupling

Handpiece order code: **H05-MPQ**  
Complete order code: **H05-MPQ4**  
**H05-MPQ2**



Order code: **210-F+-SP**



Standard head Quick coupling

Handpiece order code: **H15-SPQ**  
Complete order code: **H15-SPQ4**  
**H15-SPQ2**



Order code: **210-F+-TP**



Torque head Quick coupling

Handpiece order code: **H15-TPQ**  
Complete order code: **H15-TPQ4**  
**H15-TPQ2**

98 LED handpiece  
with generator

97 LED handpiece  
with generator



LED HANDPIECE  
WITH GENERATOR

Model: CX207-F

Caries detection function

Self-luminous



Balanced impeller  
Cartidge passed the Germany  
dynamic balance machine test

Reject welding,  
complete head made  
by CNC, more stable!

Imported bearing  
Long life, low noise and stable

3 way spray, 3 air  
Head and cartridge with  
anti-retraction structure

LED for caries detection  
Treat while checking  
Faster and better

Unique electric generator,  
just a little air can generate  
sufficient power;



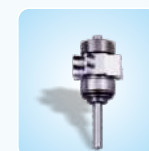
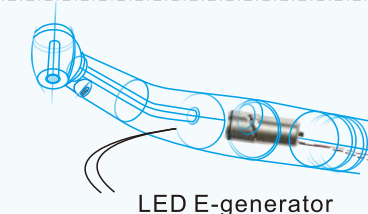
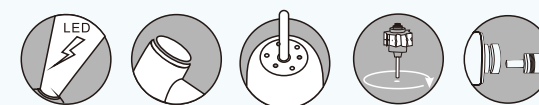
This product has been applied layout-design  
patent. counterfeit must be investigated.  
NO.ZL201220717131.8 ZL201210563855.6

Technical:

|                                     |                                             |
|-------------------------------------|---------------------------------------------|
| High speed handpiece:               | 3 way spray 3 air                           |
| Chuck type:                         | push button                                 |
| Bulb:                               | LED light                                   |
| Noise                               | ≤70dB                                       |
| Air pressure at the back end of HP: | 0.25-0.28 MPA(4hole)<br>0.20-0.22MPA(2hole) |
| Bur applicable:                     | Ø1.59-Ø1.6mmx21-23mm                        |
| Rotation speed:                     | ≥ 300,000rpm                                |

Model: CX207-F

High-speed air turbine handpieces



Order code: 210-F+-SP



Standard head

Order code: H65-SP4  
H65-SP2



Order code: 210-F+-TP



Torque head

Order code: H65-TP4  
H65-TP2

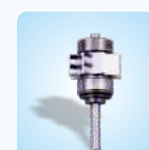


Order code: 210-F+-SP



Standard head Quick coupling

Handpiece order code: H65-SPQ  
Complete order code: H65-SPQ4  
H65-SPQ2



Order code: 210-F+-TP



Torque head Quick coupling

Handpiece order code: H65-TPQ  
Complete order code: H65-TPQ4  
H65-TPQ2

99  
LED handpiece  
with generator

100  
LED handpiece  
with generator

OPTICAL HANDPIECE

Optical fiber illumination

Model: CX207-G

New upgrade, new integrated head



Fiber optic

Reject welding,  
complete head made  
by CNC, more stable!

Imported bearing  
Long life, low noise and stable

Balanced impeller  
Cartridge passed the Germany  
dynamic balance machine test

3 way spray, 3 air  
clean head system  
Head and cartridge with  
anti-dust structure

Optical fiber illumination

Graceful body, simple, portable  
easy clean, easy control

Technical:

High speed handpiece: 3 way spray 3 air

Chuck type: push button

Bulb: LED light

Noise: ≤70dB

Air pressure: 0.25-0.28 MPA(6hole)

Bur applicable: Ø1.59-Ø1.6mmx21-23mm

Rotation speed: ≥300,000rpm

Bulb power: 1w

Work voltage: 2.9v-3.2v

Work current: 160mA

Model: CX207-G

High-speed air turbine handpieces



(Fit into **NSK**  
Machlite/Phatelus\*)

Standard head Handpiece Order code: **H16-NSPQ**  
Complete order code: **H16-NSPQ6**

Torque head Handpiece Order code: **H16-NTPQ**  
Complete order code: **H16-NTPQ6**



(Fit into **W&H**  
Roto Quick\*)

Standard head Handpiece Order code: **H16-WSPQ**  
Complete order code: **H16-WSPQ6**

Torque head Handpiece Order code: **H16-WTPQ**  
Complete order code: **H16-WTPQ6**



(Fit into **Sirona**\*R/F)

Standard head Handpiece Order code: **H16-SSPQ**  
Complete order code: **H16-SSPQ6**

Torque head Handpiece Order code: **H16-STPQ**  
Complete order code: **H16-STPQ6**



(Fit into **KaVo**  
MULTIfelix LUX)

Standard head Handpiece Order code: **H16-KSPQ**  
Complete order code: **H16-KSPQ6**

Torque head Handpiece Order code: **H16-KTPQ**  
Complete order code: **H16-KTPQ6**



Order code: **210-G+-TP**  
For torque head



Order code: **210-G+-SP**  
For standard head



Order code: **229-GN**  
(Fit into **NSK**  
Machlite/Phatelus\*)



Order code: **229-GW**  
(Fit into **W&H**  
Roto Quick\*)



Order code: **229-GS**  
(Fit into **Sirona**\*R/F)



Order code: **229-GK**  
(Fit into **KaVo**  
MULTIfelix LUX)



1 WAY SPRAY  
HANDPIECE

Model: CX207-B/CX207-F

New upgrade, Mini Head  
Wider vision

# Mini

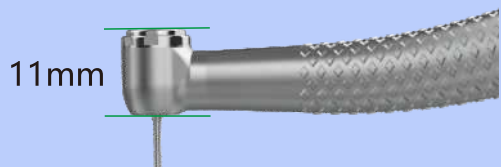
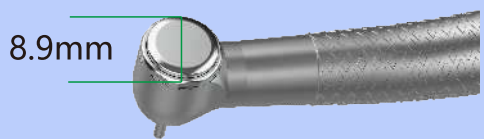


Technical:

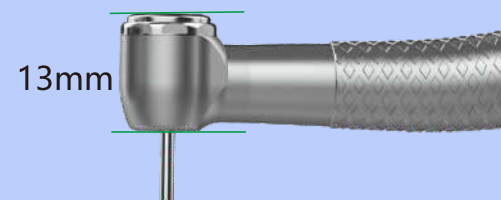
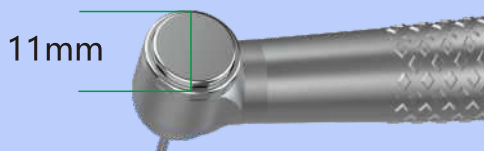
|                            |             |
|----------------------------|-------------|
| High speed handpiece:      | 1 way spray |
| Noise:                     | ≤68dB       |
| Rotation speed:            | 390-485Krpm |
| Water-flow rates:          | > 50ml/min  |
| Atomization gas flow rate: | ≥1.5L/min   |
| Radial runout:             | <0.03mm     |
| Clamping force:            | > 22N       |

Model: CX207-B/CX207-F

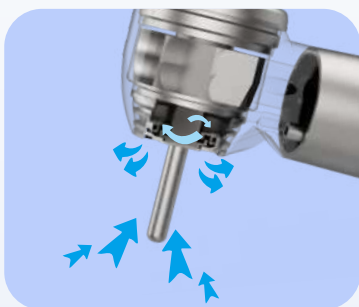
## High-speed air turbine handpieces



H03 MINI

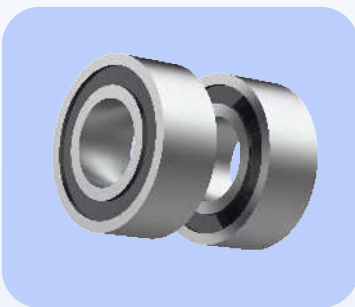


H13



Dustproof structure

Cartridge passed the German dynamic balance machine test



Imported bearing

long life, stable

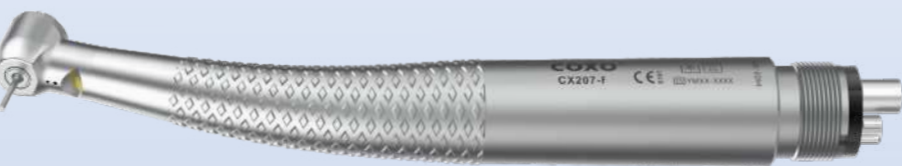


Order code: 210-B+-MP



Mini head

Order code: H03-MP4  
H03-MP2



(Self-Luminous) Mini head

Order code: H05-MP4  
H05-MP2

103  
1 way spray  
handpiece

104  
1 way spray  
handpiece

1 WAY SPRAY  
HANDPIECE

Model: CX207-B

New upgrade, new integrated head

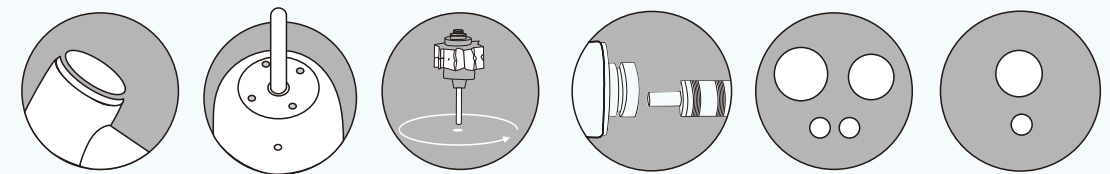


Technical:

|                                     |                                              |
|-------------------------------------|----------------------------------------------|
| High speed handpiece:               | 1 way spray, 4 air spray                     |
| Chuck type:                         | push button                                  |
| Noise                               | ≤68dB                                        |
| Air pressure at the back end of HP: | 0.25-0.28 MPA(4hole)<br>0.20-0.22 MPA(2hole) |
| Bur applicable:                     | Ø1.59-Ø1.6mmx21-23mm                         |
| Rotation speed:                     | ≥ 300,000rpm                                 |

Model: CX207-B

High-speed air turbine handpieces



anti-dust structure



Order code: 210-B+-SP



Standard head Order code: H13-SP4  
H13-SP2



Order code: 210-B+-TP



Torque head Order code: H13-TP4  
H13-TP2



3 WAY SPRAY  
HANDPIECE

Model: CX207-W

New upgrade, new integrated head

Cartridge passed the Germany  
dynamic balance machine test

3 way spray, 3 air spray  
Head and cartridge with  
anti-dust structure

Good cooling system,  
soft push button

Wear-resisting, efficient operation

Graceful body, simple,  
easy clean, easy control

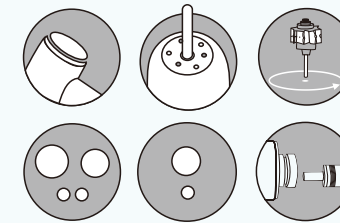
107  
3 way spray  
handpiece

Technical:

|                                     |                                              |
|-------------------------------------|----------------------------------------------|
| High speed handpiece:               | 3 way spray, 3 air spray                     |
| Chuck type:                         | push button                                  |
| Noise                               | ≤68dB                                        |
| Air pressure at the back end of HP: | 0.25-0.28 MPA(4hole)<br>0.20-0.22 MPA(2hole) |
| Bur applicable:                     | Ø1.59-Ø1.6mmx21-23mm                         |
| Rotation speed:                     | ≥300,000rpm                                  |

Model: CX207-W

High-speed air turbine handpieces



Order code: 210-W+-SP



Standard head Order code: H17-SP4  
H17-SP2



Order code: 210-W+-TP



Torque head Order code: H17-TP4  
H17-TP2



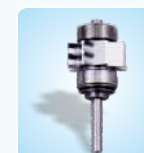
Order code: 210-W+-SP



Standard head Quick coupling



Order code: H17-SPQ4  
H17-SPQ2



Order code: 210-W+-TP



Torque head Quick coupling



Order code: H17-TPQ4  
H17-TPQ2

108  
3 way spray  
handpiece

COLOR  
HANDPIECE

Model: CX207-C

New upgrade, new integrated head

Ceramic bearing  
Cartridge passed the Germany  
dynamic balance machine test

Wear-resisting, efficient operation

Good cooling system,  
soft push button

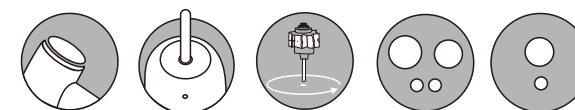
Aluminum alloys body, light,  
colorful, easy clean, easy control

Technical:

|                                     |                                             |
|-------------------------------------|---------------------------------------------|
| High speed handpiece:               | 1 way spray, 4 air spray                    |
| Chuck type:                         | push button                                 |
| Noise                               | ≤68dB                                       |
| Air pressure at the back end of HP: | 0.25-0.28 MPA(4hole)<br>0.20-0.22MPA(2hole) |
| Bur applicable:                     | Ø1.59-Ø1.6mmx21-23mm                        |
| Rotation speed:                     | ≥300,000rpm                                 |
| color:                              | red yellow purple blue black                |

Model: CX207-C

High-speed air turbine handpieces



Standard head  
Red  
Order code: H14-1SP4  
H14-1SP2



Torque head  
Red  
Order code: H14-1TP4  
H14-1TP2



Standard head  
Yellow  
Order code: H14-2SP4  
H14-2SP2



Torque head  
Yellow  
Order code: H14-2TP4  
H14-2TP2



Standard head  
Purple  
Order code: H14-3SP4  
H14-3SP2



Torque head  
Purple  
Order code: H14-3TP4  
H14-3TP2



Standard head  
Blue  
Order code: H14-4SP4  
H14-4SP2



Torque head  
Blue  
Order code: H14-4TP4  
H14-4TP2



Standard head  
Black  
Order code: H14-5SP4  
H14-5SP2



Torque head  
Black  
Order code: H14-5TP4  
H14-5TP2



Order code: 210-C+-SP  
For standard head



Order code: 210-C+-TP  
For torque head

109

Color handpiece

110

Color handpiece



Model: CX207-A

# High-speed air turbine handpieces

## New upgrade, new integrated head

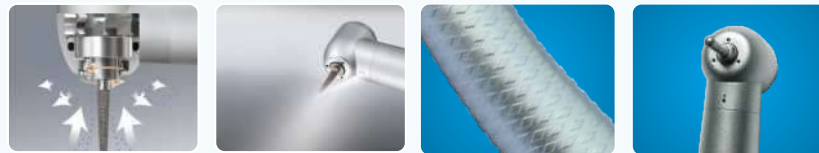


Single way spray  
more three air spray  
Head and cartridge with  
anti-dust structure

Cartridge passed the Germany  
dynamic balance machine test

The special clean head designed  
to avoid the entry of oral fluids and  
other impurity into handpiece head.

Graceful body, simple,  
easy clean, easy control



0.25-0.27MPa(4 hole)  
0.20-0.22MPa(2 hole)



Order code: 210-A-SP



Standard head

Order code: H02-SP4  
H02-SP2



Order code: 210-A-TP



Torque head

Order code: H02-TP4  
H02-TP2

Model: CX207

# High-speed air turbine handpieces

## Technical:

High speed handpiece: 4 way spray

Chuck type: push button/latch

Air pressure at the back end of HP: 0.25-0.27MPa(4 hole)  
0.20-0.22MPa(2 hole)

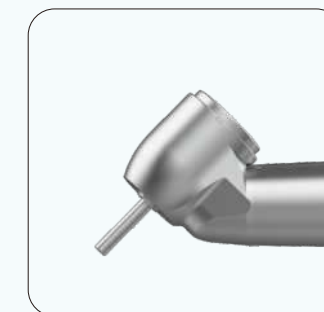
Bur applicable: 1.6x25mm

Rotation speed: 380,000-430,000rpm



## 4 way spray

New water supply structure,  
the cooling effect is better



## Windproof front

Add a dust cover to prevent  
air leakage from the front end  
and effectively prevent emphysema



210-D1-SP



45° Standard head

Order code: H01-D2SP4  
H01-D2SP2

111

Nature handpiece

112

Nature handpiece

## OPTICAL HANDPIECE

### Optical fiber illumination

Model: CX207-G

## High-speed air turbine handpieces

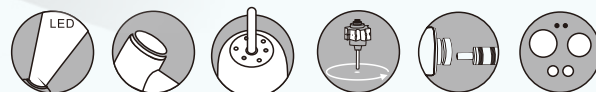


Order code: **210-GKD-SP**



Order code: **229-GK1**  
fit into **KaVo® MULTfelx® LUX**

Standard head 45° Handpiece Order code: **H06-KD1SPQ**  
Complete order code: **H06-KD1SPQ6**



## LED HANDPIECE WITH GENERATOR

Model: CX207-F

## High-speed air turbine handpieces



Order code: **210-FD-SP**

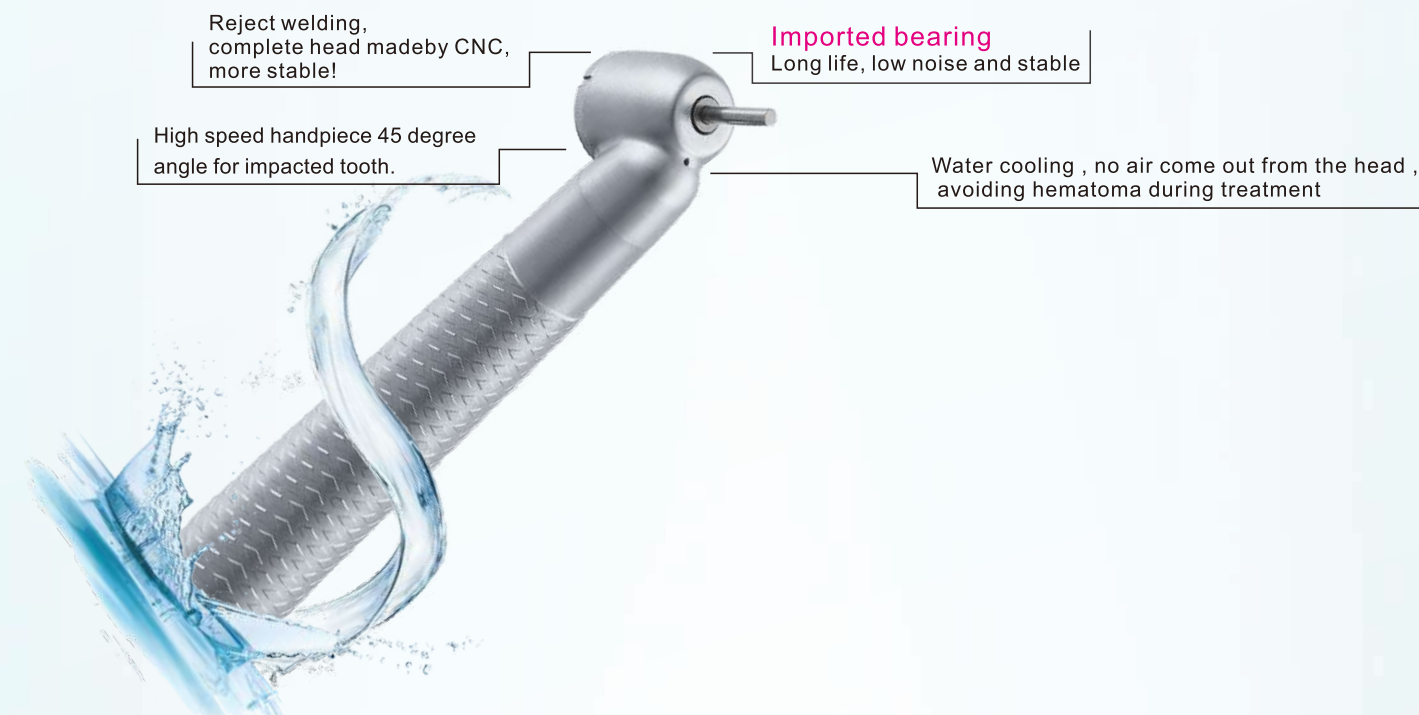


Standard head 45°

Order code: **H05-DSP4**  
**H05-DSP2**

Model: CX207

## High-speed air turbine handpieces

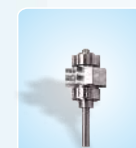


- High speed handpiece 45 degree angle for impacted tooth.
- Water cooling, no air come out from the head, avoiding hematoma during treatment
- Small trauma, short time, accurate force
- High torque, stable speed
- Minimally invasive extraction of impacted teeth is faster and safer



### Technical:

|                                     |                                             |
|-------------------------------------|---------------------------------------------|
| High speed handpiece:               | 1 way spray                                 |
| Chuck type:                         | push button/latch                           |
| Noise                               | ≤68dB                                       |
| Air pressure at the back end of HP: | 0.25-0.28 MPA(4hole)<br>0.20-0.22MPA(2hole) |
| Bur applicable:                     | Ø1.59-Ø1.6mmx21-23mm                        |
| Rotation speed:                     | ≥ 300,000rpm                                |



Order code: **210-D-SP**

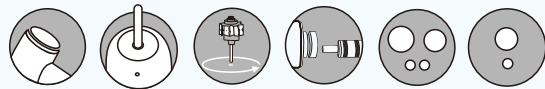


Standard head 45° Order code: **H01-D1SP4**  
**H01-D1SP2**





Push button or wrench choose



Technical:

|                                     |                                             |
|-------------------------------------|---------------------------------------------|
| High speed handpiece:               | 1 way spray                                 |
| Chuck type:                         | push button/latch                           |
| Noise                               | ≤68dB                                       |
| Air pressure at the back end of HP: | 0.25-0.28 MPA(4hole)<br>0.20-0.22MPA(2hole) |
| Bur applicable:                     | Ø1.59-Ø1.6mmx21-23mm                        |
| Rotation speed:                     | ≥ 300,000rpm                                |



Order code:210-S



Order code:210-SP



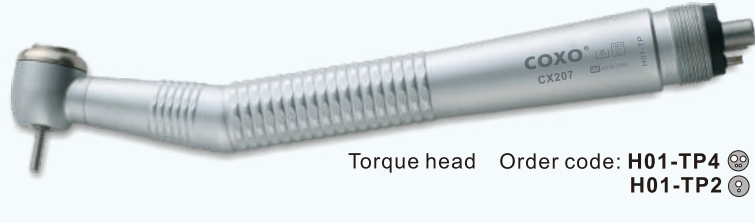
Order code:210-TP



Standard head Order code: **H01-S4** ☹  
**H01-S2** ☹



Standard head Order code: **H01-SP4** ☹  
**H01-SP2** ☹



Torque head Order code: **H01-TP4** ☹  
**H01-TP2** ☹

**SPEED INCREASED**  
**CONTRA ANGLE**

Model: CX235C7

# 1:5 Speed increased Contra Angle

New upgrade, Better structure  
Better performance



117  
Speed increased  
contra angle

**1:5 speed increase**

## Technical:

|                 |                  |
|-----------------|------------------|
| Chuck type:     | push button      |
| Spray:          | Inner channel    |
| Bur applicable: | Ø1.6mm           |
| Rotation speed: | about 200,000rpm |

Model: CX235C7

Geared Angle Handpieces



Order code: C7-5  
**Optic fiber**



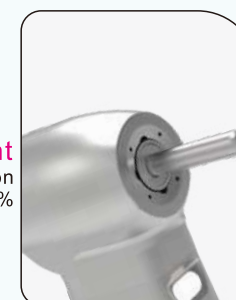
External water  
Order code: C7-5S  
**Optic fiber**



Order code: C7-6



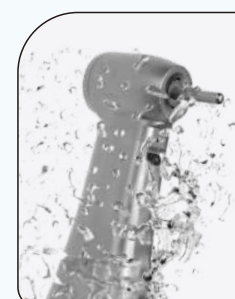
**V shape water spray structure**  
More stable and better cooling



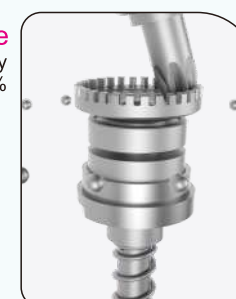
**More concentrated light**  
Increase the illumination  
by 100%



**Add sanitary hole**  
Reduce the risk of dirt  
entering



**Improved shaft structure**  
Service life increased by  
more than 90%



**Better waterproof structure**  
To better prevent water from  
entering the head

118  
Speed increased  
contra angle



**SPEED INCREASED**  
**CONTRA ANGLE**

Model: CX235C7

## 1:5 Speed increased Contra Angle

New upgrade, smaller size  
better handfeeling

# Mini

110  
Speed increased  
contra angle

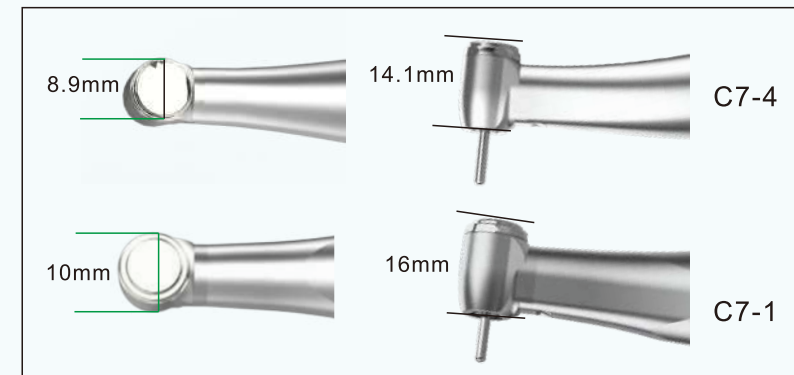
**1.5 speed increase**

### Technical:

|                 |                  |
|-----------------|------------------|
| Chuck type:     | push button      |
| Spray:          | Inner channel    |
| Bur applicable: | Ø1.6mm           |
| Rotation speed: | about 200,000rpm |

Model: CX235C7

Geared Angle Handpieces



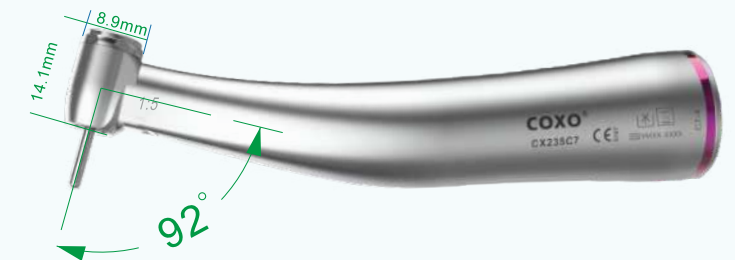
### Reducing size and better angle

Improved handpiece and head angle, making it easier to reach the back teeth

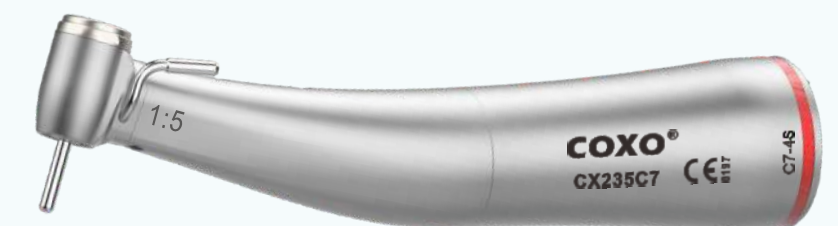


### Smaller head with 92° angle

Larger elevation angle, making it easier to reach the back teeth



Order code: C7-4



External water Order code: C7-4S

120  
Speed increased  
contra angle

SPEED INCREASED  
CONTRA ANGLE

1:3.3 speed increase

Technical:

|                 |                  |
|-----------------|------------------|
| Chuck type:     | push button      |
| Spray:          | Inner channel    |
| Bur applicable: | Ø1.6mm           |
| Rotation speed: | about 132,000rpm |

Model: CX235C7

Geared Angle Handpieces



The nose has a 45 ° elevation angle, and the fuselage has an angle of 17 °

SPEED INCREASED  
CONTRA ANGLE

1:4.2 speed increase

Technical:

|                 |                  |
|-----------------|------------------|
| Chuck type:     | push button      |
| Spray:          | Inner channel    |
| Bur applicable: | Ø1.6mm           |
| Rotation speed: | about 168,000rpm |

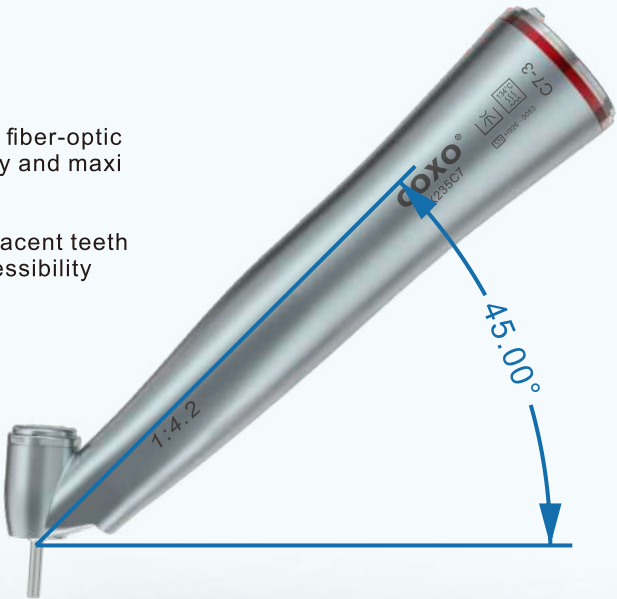
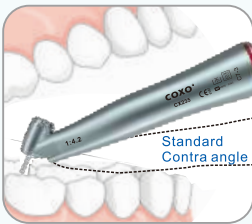
4 hole water spraying  
Spraying water to prevent subcutaneous emphysema during surgery  
Effectively and quickly cool the needle.

Model: CX235C7

Contra angle handpiece



Perfect accessibility of 45 degree angle fiber-optic handpiece provides the best adaptability and maximum performance for teeth  
Easy access to the molar area  
Minimize interference with front and adjacent teeth  
45 degree inclined head for supine accessibility and maximum visibility



Order code: C7-3  
Optic fiber



External water  
Order code: C7-3S  
Optic fiber

121  
Speed increased  
contra angle



Equipped with a built-in self generating structure to drive LED lighting



Easy to disassemble



The nose is designed with anti water ingress

Cover anti scalding design

Detachable structural design for easy maintenance

Order code: C7-7  
Optic fiber

122  
Speed increased  
contra angle



REDUCTION  
CONTRA ANGLE

Model: CX235C6

Contra angle handpiece

20:1 Contra Angle for Implant  
Easily disassembled, more reassuring treatment

123  
Contra angle  
handpiece



20:1 reduction

Technical:

|                          |                                       |
|--------------------------|---------------------------------------|
| Chuck type:              | push button                           |
| Spray:                   | Inner channel and external            |
| Bur applicable:          | Ø2.35 <sub>±0.016</sub> mm(ISO1797-1) |
| Max speed :              | 2,000RPM<br>For implant               |
| Internal cooling system: | Kirschner / Meyer                     |

Model: CX235C6

Geared Angle Handpieces



Easy to disassemble with tool



Optic fiber      Order code: C6-22



Order code: C6-23

124  
Contra angle  
handpiece

EXTERNAL  
LOW SPEED HANDPIECE  
SET

Geared Angle Handpieces



External water spray,  
Short motor,  
Reducing size and weight  
More comfortable to use

External Order code: **235-M SET-4** ☺



Reducing size and weight  
More comfortable to use

Technical:

|                 |                                       |
|-----------------|---------------------------------------|
| Chuck type:     | push button                           |
| Noise           | ≤70dB                                 |
| Air pressure:   | 0.30MPA                               |
| Bur applicable: | Ø2.35 <sub>-0.014</sub> mm(ISO1797-1) |
| Rotation speed: | about20,000rpm                        |

125 Dental low speed  
handpiece set

EXTERNAL  
LOW SPEED HANDPIECE  
SET

Geared Angle Handpieces



External Order code: **235-F SET-4** ☺  
**235-F SET-2** ☺



External Order code: **235-A SET-4** ☺  
**235-A SET-2** ☺

126 Dental low speed  
handpiece set



INNER CHANNEL  
LOW SPEED HANDPIECE  
SET

Geared Angle Handpieces



Optic fiber inner channel    Order code: 235-C SET-6



Optical fiber



6 hole



360 degrees of freedom rotary interfa

Technical:

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Low speed handpiece: 1 way spray |                                       |
| Chuck type:                      | push button                           |
| Noise                            | ≤70dB                                 |
| Air pressure:                    | 0.30MPA                               |
| Bur applicable:                  | Ø2.35 <sub>-0.010</sub> mm(ISO1797-1) |
| Rotation speed:                  | about20,000rpm                        |

INNER CHANNEL  
LOW SPEED HANDPIECE  
SET

Geared Angle Handpieces



inner channel    Order code: 235-B SET-4  
235-B SET-2



Generator in contra angle



inner channel LED    Order code: 235-E SET-4  
235-E SET-2

Technical:

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Low speed handpiece: 1 way spray |                                       |
| Chuck type:                      | push button                           |
| Noise                            | ≤70dB                                 |
| Air pressure:                    | 0.30MPA                               |
| Bur applicable:                  | Ø2.35 <sub>-0.010</sub> mm(ISO1797-1) |
| Rotation speed:                  | about20,000rpm                        |

REDUCTION  
CONTRA ANGLE

4:1 Reduction

Low speed handpiece: 1:1 direct drive  
Chuck type: push button or wrench  
Spray: external  
Bur applicable:  $\varnothing 2.35_{-0.016}^{+0.016}$  mm  
Rotation speed: MAX 10,000 rpm



4:1 Order code: **CB-3**



Order code: **CH-11**



Up and down movement



Order code: **C3-11**

129  
Contra angle  
handpiece

6:1 Reduction

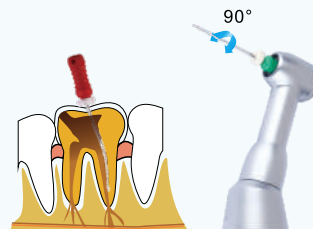
Low speed handpiece: 6:1 Reduction  
Chuck type: push button  
Max speed: 1200 rpm  
Max torque: 5.2 N.cm



Order code: **C5-1M**

10:1 Reduction

Low speed handpiece: 10:1 Reduction  
Chuck type: push button  
Spray: external  
Bur applicable: engine use file/hand use file  
Rotation speed: MAX 4,000 rpm  
Rotation style: 90° reciprocating rotate head



Fit to hand use files



10:1 Order code: **CB-5**



Order code: **CH-12**



hand use files



Order code: **C5-12**

Geared Angle Handpieces

REDUCTION  
CONTRA ANGLE

64:1 Reduction

Low speed handpiece: 64:1 Reduction  
Chuck type: push button or wrench  
Spray: external  
Bur applicable:  $\varnothing 2.35_{-0.016}^{+0.016}$  mm  
Rotation speed: MAX 625 rpm



64:1 Order code: **CB-8**



Order code: **CH-4**



Order code: **C8-4**

1:1 DIRECT DRIVE  
CONTRA ANGLE

1:1 Direct drive

Low speed handpiece: 1:1 direct drive  
Chuck type: push button or wrench  
Spray: external  
Bur applicable:  $\varnothing 2.35_{-0.016}^{+0.016}$  mm  
Rotation speed: MAX 40,000 rpm



1:1 Order code: **CB-1**



Order code: **CH-2**



Order code: **C1-2**



Order code: **CH-4**



Order code: **C1-4**



1:1 Order code: **CB-7**



Order code: **CH-17**



Order code: **C-1F**

130  
Contra angle  
handpiece



1:1 DIRECT DRIVE  
CONTRA ANGLE

New upgrade, new integrated head

1:1 Direct drive

Low speed handpiece: 1:1 direct drive  
Chuck type: push button  
Spray: Inner channel  
Bur applicable:  $\varnothing 2.35_{-0.016}^{+0.016}$  mm  
Rotation speed: MAX40,000rpm



Model: **CX235-1C**  
Order code: **C-1C**  
**LED LIGHT**



Model: **CX235-1E**  
Order code: **C-1E**  
**GENERATOR**



Model: **CX235-1B**  
Order code: **C-1B**



Model: **CX235C1**  
Order code: **C1-1**  
Rotation speed: about 20,000rpm

Geared Angle Handpieces

AIR MOTOR

Spray: Inner channel or External  
Hole type: 6 hole or 4 hole or 2 hole  
Rotation speed: 20,000rpm



Model: **CX235-3C**  
Order code: **M-3C**   
**Optic fiber**



Model: **CX235-3B**  
Order code: **M-3B-4**   
**M-3B-2**



Model: **CX235-3F**  
Order code: **M-3F-4**   
**M-3F-2**



Model: **CX235-3F**  
Order code: **M-3M4**

Air Motors

INNER CHANNEL/EXTERNAL  
STRAIGHT HANDPIECE

1:1 Direct drive

Low speed handpiece: 1:1 direct drive  
Spray: Inner channel or External  
Bur applicable: For surgical  $\varnothing 2.35_{-0.016}^{+0.016}$  mm  
Rotation speed: MAX40,000rpm



Order code: **S-2S**  
surgical operation 20°  
straight head



Model: **CX235-2C**  
Order code: **S-2C**  
**Optic fiber**



Model: **CX235-2B**  
Order code: **S-2B**



Model: **CX235-2B**  
Order code: **S-2BS**



Model: **CX235-2C**  
Order code: **S-2CS**  
**Optic fiber**



Model: **CX235-2F**  
Order code: **S-2F**



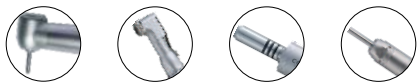
Model: **CX235-2A**  
Order code: **S-2A**



Model: **CX235-2**  
Order code: **S-2**

ECONOMICAL  
COMPLETE KIT

1:1 Direct drive



Order code: **H01-1 KIT-SP4**   
**H01-1 KIT-SP2** 

**STUDENT HANDPIECE KIT**

- 1PCS Anti-retraction high speed standard push handpiece
- 1PCS contra angle
- 1PCS straight head
- 1PCS low speed air motor
- 1PCS push button cartridge <Free>



Order code: **H01-2 KIT-S4**   
**H01-2 KIT-S2** 

**HANDPIECE KIT**

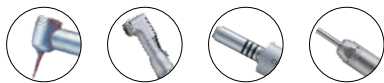
- 2PCS high speed standard handpiece
- 1PCS contra angle
- 1PCS straight head
- 1PCS low speed air motor
- 1PCS standard cartridge <Free>



Order code: **H01-2 KIT-SP4**   
**H01-2 KIT-SP2** 

**HANDPIECE KIT**

- 2PCS standard push handpiece
- 1PCS contra angle
- 1PCS straight head
- 1PCS low speed air motor
- 1PCS push button cartridge <Free>



Order code: **H01-1 KIT-S4**   
**H01-1 KIT-S2** 

**HANDPIECE KIT**

- 1PCS high speed standard handpiece
- 1PCS contra angle
- 1PCS straight head
- 1PCS low speed air motor
- 1PCS standard cartridge <Free>



Handpiece Accessories  
Manufacturing all kinds of spare parts for handpiece



HANDPIECE ACCESSORIES

| Shaft of cartridge                                                                |                                |                     | ORDER CODE |
|-----------------------------------------------------------------------------------|--------------------------------|---------------------|------------|
|  | For NSK<br>For W&H<br>For KaVo | L:12.6mm<br>(long)  | 245-4-1    |
|  | For NSK<br>For W&H<br>For KaVo | L:11.8mm<br>(short) | 245-4-2    |
|  | For NSK                        | L:13.5mm<br>(long)  | 245-2      |
|  | For NSK                        | L:12.5mm<br>(short) | 245-3      |
| Generantor                                                                        |                                |                     | ORDER CODE |
|  |                                |                     | 245-52     |

HANDPIECE ACCESSORIES

| Quick coupling of high speed handpiece                                              |                                                                 |                                                                                     | ORDER CODE              |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
|    | fit into NSK machlite/<br>phatelus®<br>(LED/optic fiber/6 hole) |                                                                                     | 229-GN                  |
|   | fit into W&H Roto Quick®<br>(optic fiber/6 hole)                |                                                                                     | 229-GW                  |
|  | fit into Sirona R/F<br>(LED/optic fiber/6 hole)                 |                                                                                     | 229-GS                  |
|  | fit into KaVo® MULTiflex® LUX<br>(LED/optic fiber/6 hole)       |                                                                                     | 229-GK                  |
|  | fit into KaVo® MULTiflex® LUX<br>(LED/optic fiber/6 hole)       |                                                                                     | 229-GK1                 |
|  | for KaVo®<br>(4 hole)                                           |                                                                                     | 229-GK2                 |
|  | for NSK<br>(4 hole)                                             |                                                                                     | 229                     |
|  | for NSK<br>(2 hole)                                             |                                                                                     | 229-1                   |
|  | (For H17-SPQ4, H17-TPQ4)<br>(4 hole)                            |                                                                                     | 229-b                   |
|  | (For H17-SPQ2, H17-TPQ2)<br>(2 hole)                            |                                                                                     | 229-1b                  |
|  | 245-55<br>4 or 6 hole gasket                                    |  | 245-10<br>2 hole gasket |

HANDPIECE ACCESSORIES

| Bulb(LED light)                                                                   |            |              | ORDER CODE |
|-----------------------------------------------------------------------------------|------------|--------------|------------|
|  | For NSK    | (for 229-GN) | 261-1      |
|  |            | (for 229-GW) | 261-2      |
|  | For Sirona | (for 229-GS) | 261-6      |
|  | For KaVo   | (for 229-GK) | 261-3      |

HANDPIECE ACCESSORIES

| Cartidge of contra angle                                                            |                                             |  | ORDER CODE |
|-------------------------------------------------------------------------------------|---------------------------------------------|--|------------|
|    | (for C7-1, C7-2)<br>push button             |  | 235-53     |
|    | (For C-1E, C-1C, C-1B, C1-4)<br>push button |  | 235-13-3   |
|    | for NSK                                     |  | 235-9      |
|   | (For C2-1, C1-2)                            |  | 235-12     |
|  | (for C6-19)                                 |  | 235-30     |
|  | (for C6-22 )                                |  | 235-55     |

HANDPIECE ACCESSORIES

| Head cup of handpiece                                                               |                                     |        | ORDER CODE                                  |
|-------------------------------------------------------------------------------------|-------------------------------------|--------|---------------------------------------------|
|  | Standard back cap<br>(wrench chuck) | 245-5  | For H01-S                                   |
|  | Standard back cap<br>(push chuck)   | 245-7  | For H01-SP                                  |
|  | Torque back cap<br>(push chuck)     | 245-8  | For H01-TP                                  |
|  | Standard back cap<br>(push chuck)   | 245-37 | For H13/14/15/16/17/23/25-SP<br>For H15-8SP |
|  | Torque back cap<br>(push chuck)     | 245-38 | For H13/14/15/16/17/23/25-TP<br>For H15-8TP |
|  | Cover for contra<br>angle cartridge | 245-17 | For CH-1                                    |
|  | Standard back cap<br>(push chuck)   | 245-57 | For H02-SP                                  |
|  | Torque back cap<br>(push chuck)     | 245-58 | For H02-TP                                  |

HANDPIECE ACCESSORIES

| Bearing of handpiece                                                                  |                                              |                                                                 | ORDER CODE |
|---------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------|------------|
|  | For NSK<br>For W&H<br>For KaVo<br>For Sirona | Imported bearing<br>(Ø6.35XØ3.175X2.38)                         | 245-18     |
|  | For NSK<br>For W&H<br>For KaVo<br>For Sirona | (Ø6.35XØ3.175X2.38)<br>Steel bearing                            | 245-11     |
|  | For NSK<br>For W&H<br>For KaVo<br>For Sirona | (Ø6.35XØ3.175X2.38)<br>Steel bearing with cover                 | 245-12     |
|  | For NSK<br>For W&H<br>For KaVo<br>For Sirona | (Ø6.35XØ3.175X2.38)<br>Ceramic bearing                          | 245-13     |
|  | For W&H<br>For KaVo                          | (ø6. 35Xø3.175x2.38)<br>Ceramic bearing with cover              | 245-19     |
|  | For W&H<br>For KaVo                          | (ø6. 35Xø3.175x2.78)<br>Steel bearing                           | 245-23     |
|  | For KaVo                                     | (ø6.35Xø3.175Xø5.97<br>X2.38X1.0)<br>Steel bearing with step    | 245-20     |
|  | For KaVo                                     | (ø6.35Xø3.175Xø5.97<br>X2.78X1.0)<br>Steel bearing with step    | 245-22     |
|  | For Bien air                                 | (ø3.175Xø7.938Xø3.571)<br>Steel bearing                         | 245-30     |
|  |                                              | (Ø8XØ4X3)<br>Steel bearing for straight head                    | 245-14     |
|  |                                              | (Ø10XØ5X4)<br>Steel bearing for straight head                   | 245-15     |
|  |                                              | (ø7Xø4x2)<br>Steel bearing for push button<br>contra angle      | 245-24     |
|  |                                              | (ø8Xø5x2.5)<br>for CX235-2C<br>Steel bearing for straight head  | 245-27     |
|  |                                              | (ø7.938Xø2.38x3.572)<br>Steel bearing for contra angle or motor | 245-28     |
|  |                                              | (ø6Xø3x2)<br>Steel bearing for contra angle                     | 245-29     |
|  |                                              | (ø6.5Xø4x1.3)<br>Steel bearing for mini contra angle            | 245-56     |

## HANDPIECE ACCESSORIES

### Head set of contra angle

|                                                                                                                                                  | ORDER CODE |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|  <b>for NSK</b><br>(for CA burs $\phi 2.35$ )<br>Max.40,000RPM  | CH-2       |
|  <b>for NSK</b><br>(for CA burs $\phi 2.35$ )<br>Max.40,000RPM  | CH-4       |
|  <b>for KaVo</b><br>(for CA burs $\phi 2.35$ )<br>Max.40,000RPM | CH-18      |
|  <b>for NSK</b><br>Lock of contra angle                         | 245-49     |

### ORDER CODE

|                                                                                                                                                                |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
|  <b>for NSK</b><br>(for CA burs $\phi 2.35$ )<br>Max.30,000RPM<br>(MINI head) | CH-13  |
|  <b>for NSK</b><br>(for file burs)<br>Max.4000RPM                             | CH-12  |
|  (for CA burs $\phi 2.35$ )<br>for Endodontic treatment                       | CH-17M |
|  (for CA burs $\phi 2.35$ )<br>for Endodontic treatment                       | C1-17M |



## HANDPIECE ACCESSORIES

### Cartidge

|                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |    |
| Order code: <b>210-B3-SP</b><br>For H33-SP                                            | Order code: <b>210-G+-TP</b><br>For H16-NTPQ/H16-WTPQ<br>H16-STPQ/H16-KTPQ            | Order code: <b>210-W+-SP</b><br>For H17-SP/H17-SPQ                                    | Order code: <b>210-TP</b><br>For H01-TP                                               |
|    |    |    |    |
| Order code: <b>210-B3-TP</b><br>For H33-TP                                            | Order code: <b>210-G+-SP</b><br>For H16-NSPQ/H16-WSPQ<br>H16-SSPQ/H16-KSQP            | Order code: <b>210-W+-TP</b><br>For H17-TP/H17-TPQ                                    | Order code: <b>210-S</b><br>For H01-S                                                 |
|    |    |    |    |
| Order code: <b>210-F+-SP</b><br>H15-SP                                                | Order code: <b>210-B+-S</b><br>For H13-S                                              | Order code: <b>210-C+-SP</b><br>For H14-SP                                            | Order code: <b>210-SP</b><br>For H01-SP                                               |
|  |  |  |  |
| Order code: <b>210-F+-TP</b><br>H15-TP                                                | Order code: <b>210-B+-T</b><br>For H13-T                                              | Order code: <b>210-C+-TP</b><br>For H14-TP                                            | Order code: <b>210-FD-SP</b><br>For H05-DSP                                           |
|  |  |  |  |
| Order code: <b>210-F-MP</b><br>H05-MPQ                                                | Order code: <b>210-B+-SP</b><br>For H13-SP                                            | Order code: <b>210-A-SP</b><br>For H02-SP                                             | Order code: <b>210-GKD-SP</b><br>For H06-KD1SPQ                                       |
|  |  |  |  |
| Order code: <b>210-F+-SP</b><br>H05-SPQ                                               | Order code: <b>210-B+-TP</b><br>For H13-TP                                            | Order code: <b>210-A-TP</b><br>For H02-TP                                             | Order code: <b>210-D-SP</b><br>For H01-D1SP                                           |
|  |  |                                                                                       |                                                                                       |
| Order code: <b>210-F+-TP</b><br>For H05-TPQ                                           | Order code: <b>210-1-SP</b><br>For H11-SP                                             |                                                                                       |                                                                                       |

## HANDPIECE ACCESSORIES

### Shaft of contra angle

|                                                                                                                         | ORDER CODE |
|-------------------------------------------------------------------------------------------------------------------------|------------|
|  (for C6-19)                         | 235-25     |
|  (for C5-12/C5-12M)                  | 235-28     |
|  <b>(for NSK)</b><br>(for C1-2/C2-3) | 235-8      |
|  (for C1-4/C2-3)<br>push button      | 235-19     |
|  (for C-1C/C-1E)<br>(for C-1B)       | 235-23     |
|  ( for C-1F)                         | 235-24     |
|  (for C6-22/C6-23)                   | 235-56     |

### Gear of shaft

|                                                                                                    | ORDER CODE |
|----------------------------------------------------------------------------------------------------|------------|
|  <b>for NSK</b> | 235-8-1    |

### Accessories of Handpiece

### ORDER CODE

|                                                                                     |                                                                                       |        |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|
|  |  | 254-2  |
| Cartridge repair kit                                                                |                                                                                       |        |
|  | Low speed handpiece<br>repair kit                                                     | 254-3  |
|  | Spanner                                                                               | 211    |
|  | <b>For NSK</b><br>Tubing for low speed handpiece                                      | 245-16 |
|  | For S-2S<br>Tubing                                                                    | 245-45 |
|  | For C4-9/C6-9<br>Tubing                                                               | 245-46 |
|  | For C6-19<br>Tubing                                                                   | 245-48 |



CUSTOM PRODUCT  
HANDPIECE

MOQ:500PCS

▼ 3 way spray 3 air spray handpiece

- A1-SP  
Stan push head
- A1-TP  
Max push head
- A1-45SP  
Stan push head 45°

▼ Clean head system handpiece

- A2-S  
Stan head
- A2-T  
Max head
- A2-SP  
Stan push head
- A2-TP  
Max push head

▼ Three way spray handpiece

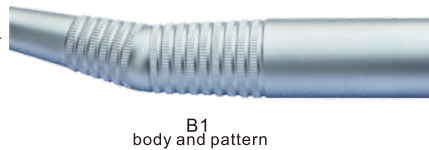
- A3-SP  
Stan push head
- A3-TP  
Max push head

▼ LED handpiece with generator

- A4-SP  
Stan push head
- A4-TP  
Max push head
- A4-45SP  
Stan push head 45°

▼ Fiber optical handpiece

- A5-SP  
Stan push head
- A5-TP  
Max push head



B1  
body and pattern



B2  
body and pattern



B3  
body and pattern



B4  
body and pattern



B5  
body and pattern



C1  
Coupling



C2  
Quick coupling(for NSK)



C3  
Quick coupling(for Sinol)



C4  
Quick coupling of fiber optical  
(for NSK)



C5  
Quick coupling of fiber optical  
(for W&H)



C6  
Quick coupling of fiber optical  
(for Sirona)



C7  
Quick coupling of fiber optical  
(for KaVo)



C8  
Quick coupling  
(for KaVo)



2 hole



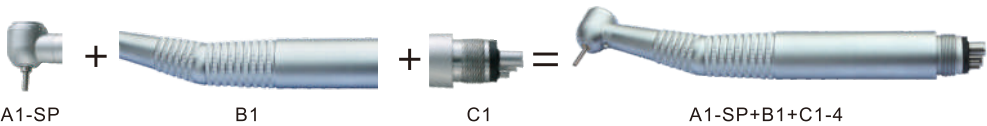
4 hole



6 hole

COXO could Provide OEM,ODM service,and COXO have some handpiece style and pattern provide customers choice, Choose as shown in figure:

customized order



Dental Operating Lights  
Professional dental products manufacturer



order name: **CX249-24**

**Feature:**

- 1-There are 4 color can adjust temperature, from 4000 to 6000K
- 2-There are 12 high-power LED lights with adjustable illumination and the maximum illumination can reach 100000lux
- 3-Use LED lamp bead with 90 ORL to restore color authenticity
- 4-Conclude touch key and dual control switch with touch
- 5-Both sides have the same key panel, which is convenient for both hands to operate
- 6-Removable handle, alcohol sterilization or high temperature sterilization
- 7-The mirror panel can be easily observed by doctors or patients
- 8-The perfect for no shadow effect

**Technical:**

|                       |                        |
|-----------------------|------------------------|
| Power supply:         | 24V                    |
| Power consumption:    | 25W                    |
| LED light:            | 12PCS                  |
| Light intensity(lux): | > 100000LUX            |
| Dimension of pattern: | 80X160mm(in the 700mm) |
| Colour temperature:   | 4000K~6000K            |
| CRI:                  | >90Ra                  |
| Shadow(solution)      | <Φ8mm                  |
| Eye intensty(lux):    | <600lux                |
| Interatcion range:    | 20-80mm                |
| Joint dimension:      | ø22                    |
| Weight(kg)/PCS        | 2kg                    |



order name: **CX249-23**

**Feature:**

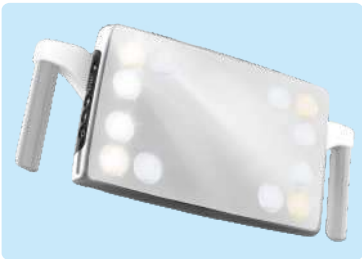
- 1-Free movement of 3axes,positioning the light to where you want.
- 2-Removeable handles,easy to clean and easy to mount and dismount.
- 3-Optimized color of light,color temperature range from 5500-6500K,similar just like the natural light from your window.the power of light from 450-550 is limited to minimize the effect on the sensitive material use for the restoration,
- 4-Factory calibrated at 700mm(the average length of the human arm).a precise 80X160 rectangular light pattern with uniform intensity is produced.out side the light pattern there are 50% lower illustration level compare to specified requirement in ISO standard-illumination occurs only where you want it to in the oral cavity.not in the patient's eyes.

**Technical:**

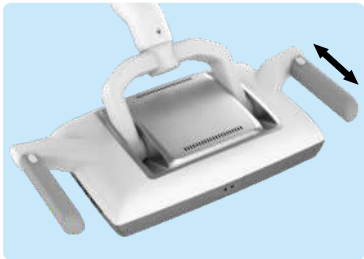
|                       |                        |
|-----------------------|------------------------|
| Power supply:         | AC12-24V               |
| Power consumption:    | 6-10W                  |
| LED light:            | 6 PCS                  |
| Light intensity(lux): | >40000LUX              |
| Dimension of pattern: | 80X160mm(in the 700mm) |
| Colour temperature:   | 5000-5300k             |
| CRI:                  | 85%                    |
| Shadow(solution)      | <ø12mm                 |
| Eye intensty(lux):    | <200lux                |
| Interatcion range:    | 20-80mm                |
| Joint dimension:      | ø22                    |
| Weight(kg)/PCS        | 1.6kg                  |



The mirror panel can be easily observed by doctors or patients



There are 12 high-power LED lights with adjustable illumination and the maximum illumination can reach 100000lux



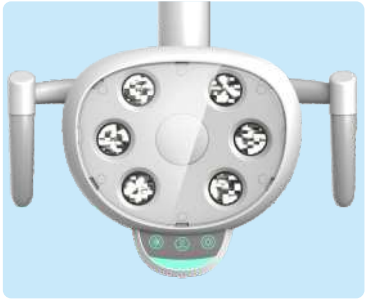
Removable handle, alcohol sterilization or high temperature sterilization



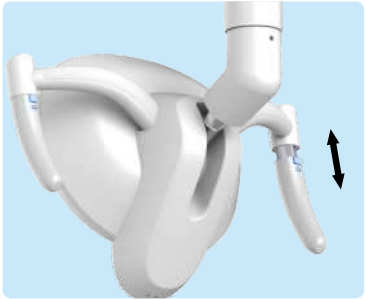
Both sides have the same key panel, which is convenient for both hands to operate



The beam spot is rectangular and the size is moderate.  
(80x160mm at 700mm)  
And no dazzle light around



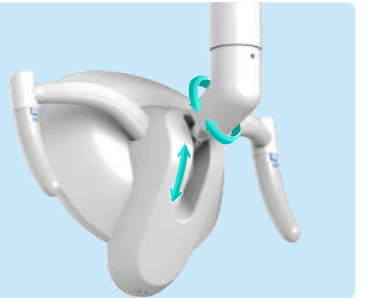
6 high power LEDs Space for camera system reserved



Removable handles,easy to clean.



Adjustable illumination (stepless), color temperature in the range of 5000K and 5300K.As a natural light, reduce damage to the eyes during long time operation.



Free movement of 3 axiese,positioning the light to where you want.



Double control system (sensor and switch)



The color and color temperature for the whole light spot are the same,greatly reduce the color separation through the lens,as well as the effectto the light sensitive material.





Feature:

- 1-Super-intense Illumination
- 2-Complete shadowless
- 3-Multi-angle adjustable
- 4-Life cycle of the LED can reach 17 years
- 5-Natural color Temperature

Technical:

|                       |                        |
|-----------------------|------------------------|
| Power supply:         | AC12-24V               |
| Power consumption:    | 6W                     |
| LED light:            | 1 PCS                  |
| Light intensity(lux): | >35000LUX              |
| Dimension of pattern: | 80X160mm(in the 700mm) |
| Colour temperature:   | 5000-6000k             |
| CRI:                  | 85%                    |
| Shadow(solution)      | <ø12mm                 |
| Eye intensity(lux):   | <200lux                |
| Interatcion range:    | 20-80mm                |
| Joint dimension:      | ø22                    |
| Weight(kg)/PCS        | 1.75kg                 |

order name: **CX249-22**  
Reflectance



Feature:

- 1-The light is soft, won't hurt your eyes, adpot CRI makes the shining face more realistic.
- 2-No color separation: the color and the color temperature for the whole light spot are the same,greatly reduce the color separation through the lens, as well as the effect to the lgiht sensitive material.
- 3-Light efficiency is higher: The illuminance can reach over 45000 lux when the power is 6W. The reflect mode can reach over 50000lx.
- 4-The LED dental lamp can reach stepless adjustable.

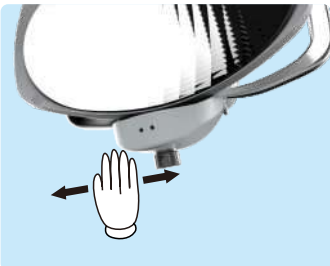
Technical:

|                       |                         |
|-----------------------|-------------------------|
| Power supply:         | AC12-24V                |
| Power consumption:    | 6W                      |
| LED light:            | 1 PCS                   |
| Light intensity(lux): | >30000LUX               |
| Dimension of pattern: | 180×90 mm(in the 700mm) |
| Colour temperature:   | 4000-6400K              |
| CRI:                  | 85%                     |
| Shadow(solution)      | <ø12mm                  |
| Eye intensity(lux):   | <200lux                 |
| Interatcion range:    | 20-80mm                 |
| Joint dimension:      | ø22                     |
| Weight(kg)/PCS        | 1kg                     |

order name: **CX249-21**  
Reflectance



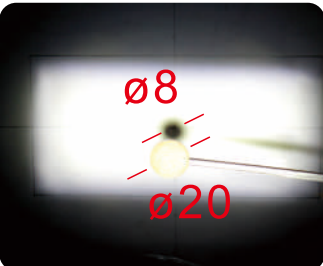
Bionic Design,Patented Design



Almost 300 reflective palta, the projecting plane of them are more than Ø180. sensor range is 20mm-80mm



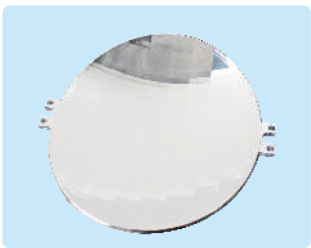
Gripping comfort and easy operation, removable cleaning



Shadowless effect is good.actual measure is Ø8.



The beam spot is rectangular and the size is moderate. (80x160mm at 700mm) And no dazzle light around



The reflector surface is composed of nearly 300 5x20 rectangular reflecting surfaces



Moving near sensor points will be on or off light, the light during light on position, sensor range is 20mm-80mm



Holder shaft cap can be removed for easy maintenance; Knob handle next to the handle for disassembly purposes, Easy to handle clean.



CULTURE



VISITOR



Global dealer meeting



Global dealer meeting



THE FACTORY OPEN DAY





THE FACTORY OPEN DAY



2018guangxi



2018 Guangxi



2017Malaysia



2017zhongshan



2017huaxi



2017 myanmar



2016luoyang



2016huizhou



2015 Neimenggu



2014 Hongkong

The national tour of dental implant training



The national tour of dental implant training



2017-8 foshan



2018 -4shenzhen



2017-7Shandong



The national tour of minimally invasive repair training



2018-12 shandong



2017-06 changsha



2017-8 guangxi



2017-8 guangxi

2017-11 guangxi

2017-11 chengdu

2016-12hunan



COXO EXHIBITION SHOW



2023 Amic



2023 Guanzhou



2023 Russia



2023 IDS



We know you want more than this even after you browsed all of the products in this book.

As the first professional manufacturer to supply the full series of components for dental chair unit, we are trying to make your China trip more comfortable and more simple, along this spirit, we make your one-stop purchasing dream be reality by our professional service and high-quality products with cheaper price. Today, our products have been sold to all over the world and our services have been extended to the whole world as well, and we have built up long term cooperation with a lot of manufacturers and distributors.

What we can do for you is:  
one-stop purchasing service  
Supply many kinds of products and components for you.  
Introduce, recommend excellent dental chair manufacturers to you.  
Offer you the services of inspection, loading, and logistic, etc.  
And……all you need in China.  
Thanks for your attention, let's hold hands and remain our cooperation forever!

Welcome to visit our factory or contact us any time.

Thanks for your  
attention and support!