

order name: **C-PUMA PRO**

# Super electric motor

(Electric micro motor **2 in 1**)

**New**



## Electric motor

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



## Endo Motor

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



## 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 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: 200-1200RPM;
- 5-Torque: 0.6-3.9N.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: AC24V
- 2-5.0 inch LCD screen Resolution: 800\*480
- 3-Maximum speed: 40,000 rpm
- 4-Motor outer diameter: 20.6mm

## Option:



Order Code: CS-1M (6:1)



Order Code: C7-1 (1:5)



Order Code: C7-3 (1:4.2)



Order Code: C-1C (1:1)



Order Code: C-1B (1:1)



Order Code: S-2B (1:1)

Minimally invasive repair, polishing.

Brushless LED



Option:

-   
 Order Code: C7-3  
 (1:4.2)
-   
 Order Code: C7-1  
 (1:1.5)
-   
 Order Code: C7-2  
 (1:1.5)
-   
 Order Code: C-1C  
 (1:1.1)
-   
 Order Code: C-1B  
 (1:1.1)
-   
 Order Code: S-2B  
 (1:1)

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

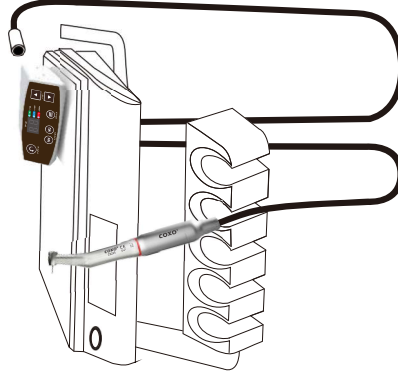


Brushless LED

order name: C-PUMA

Technical:

Power:	120W
Speed range:	200rpm-4000rpm (1:1) 100rpm-2500rpm (16:1) 10000rpm-200000rpm(1:15)
LED maximum:	>25000lux
Torque output:	3.5N.CM
Volume(cm)	29X23X11
Weight(kg)/PCS	2.3
Packing material	carton
QTY per master carton	8 pc/cin



可选择速度比弯机：16:1.1:1.1:1.5

RPM	16:1	1:1	1:1.5
100	100	1,000	
1,000	2,500	2,000	
2,000	40,000	40,000	
2,500			
10,000			10,000
40,000			200,000
200,000			

**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
Maximum speed:	40,000rpm
Maximum torque:	3.0N.cm
Fit to ISO3964 contra angle and straight handlepiece	
3.0-inch LCD screen resolution:	240 * 400
Motor diameter:	20.6mm

order name:**C-PUMA INT+**

Brushless LED

Brushless LED Dental electric motors

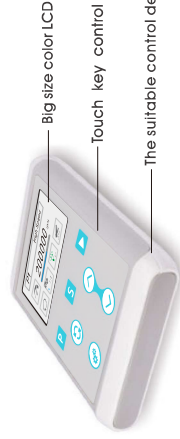


Brushless LED

- 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



Almighty Collocation Helps you easily solve all kinds of intraoral treatment or extraoral denture restoration, helping you to complete more than **90%** of the work



The suitable control devices



Built-in, easily installed at any angle

**Option:**



Order Code: C7-3 (1:4,2)



Order Code: C7-1 (1:5)



Order Code: C7-2 (1:5)



Order Code: C-1C (1:1)



Order Code: C-1B (1:1)



Order Code: S-2B (1:1)

**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.



Brushless LED

order name:**C-PUMA INT**

**Technical:**

Input:	AC24V
Maximum speed:	40,000rpm
Maximum 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/cin



Power source from dental unit: AC 24V 4A;  
Available to be driven by Air or Electricity.  
Intensity of the LED light is adjustable



Buttons for changing the direction and rotate speed



Can be sterilized under the temperature up to 135°C



Connector of the Motor cable

**Option:**



Order Code: C7-3  
(1-4.2)



Order Code: C7-1  
(1-5)



Order Code: C-1C  
(1:1)

order name:**DB-686 HELEN+**  
LED curing light

**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, 20sec,40.sec.
- 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)	20X14X8.2
Weight(kg)/PCS	0.8
Packing material	carton
QTY per master carton	12 pc/cin

**Application:**

Solidify all brands of resin materials.

This product has been applied layout-design patent, Counterfeit must be investigated;NO.ZL201530045799.1



• Unparalleled comfort design

• Non-touch recharge



order name:**DB-686 PENGUIN**

**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 foot 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/cin

**Application:**

Solidify all brands of resin materials.

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



Model: DB-685

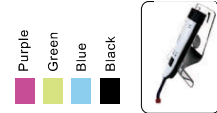
## LED Curing lights

Model: DB-686

## LED Curing lights

### 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 deflection.
- 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 name:DB-686 DELI

### 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.



order name:DB-685 SUPER-LUX

### Feature:

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

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 name:DB-686 LATTE

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



### Feature:

- 1-high power LED, dentistry dedicated spectrum
- 2-streamlined design, LCD display and
- 3-both the light-curing treatment and teeth whitening
- 4-3 light intensity profiles are available: light, medium, low
- 5-3 operating modes: bright, fade, blink
- 6-time: 5 seconds to 30 seconds to select
- 7-high-capacity lithium-ion battery, battery check function
- 8-built-in high sensitive LED metering system

### 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.



order name:DB-685 SUPER DUAL



Model: DB-685

## LED Curing lights

Model: C-BRIGHT

## Teeth whitening accelerators



corded



Style A  
Input: AC12-24V

wireless



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

### 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. ZL2010173052828.2

### 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/po/ctn

order name: DB-685-1b

4.1 LED curing light



### 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
- 5-1.0s and 3.0s as a curing light, 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  
base:63x63x23 base:22x18x3  
arm:100x28x27 arm:50x65x22  
Weight(kg)/PCS 20.0kg 0.1kg  
Packing material carton 6.0kg

order name: C-BRIGHT

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

## optical fiber



order name: CX253-3 for 686 SUPER LUX/ SUPER DUAL  
order name: CX253-7 for 686 SUPER LUX/ SUPER DUAL

order name: CX253-6 for 686 LATE/CAPPU

order name: CX253-4 for 686 (WHITE)

order name: CX253-5 for 686/DB-686-1

order name: CX253-8 for 685 PENGUIN/ 686 DELI  
order name: CX253-9 for 686 HELEN  
order name: CX253-10 for hunter(90°)  
order name: CX253-11 for hunter(120°)



order name: C-BRIGHT-B



order name: DB-128

Light meter



order name: C-BRIGHT-1a

**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-circular 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
Volume(cm)	C-bright-1a C-bright-1b base:54x54x24 52x52x22 arm:100x14x12
Weight(kg)/PCS	9.0kg 5.5kg
Packing material	carton



order name: C-BRIGHT-1b



Before



After

order name: DB-858

**New**

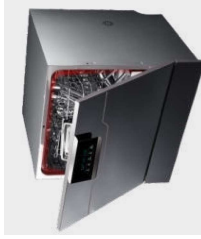


**Feature:**

- 1 -Large glass panel
- 2 - Tempered glass ,delicate touch, waterproof and dirt resistant, a touch of clean
- 3 -Never aging deformation, bright black panel
- 4 -Touch control, multi-program selection
- 5 -Free operation, worry-free and practical
- 6 -Quality stainless steel liner
- 7 -High quality integrally formed stainless steel liner
- 8 -No deformation, no cracking, no leakage, stronger
- 9 -More durable, more environmentally friendly and safer
- 10-Professional soundproofing, quiet operation, easier work
- 11-Specified cleaning: in line with the requirements of new oral disinfection technical specifications, high cleaning quality;
- 12-Safe and reliable: 70 °C hot water all-round high-pressure water flow 4D main body spray system, effectively remove blood stains;
- 13-Simple operation: automatic cleaning, avoiding infection and reducing labor intensity;
- 14-20 dental handpieces are perfectly cleaned at one time to avoid damage to the instrument;
- 15-Environmental protection and energy saving: less than 12 liters of water per cleaning, less than the amount of water used for manual cleaning.

**Technical:**

Rated power:	1380W
Waterproof level:	IPX1
Appearance of size:	595*605*550MM
Standard capacity:	103L
The power supply voltage:	220V,50HZ
Energy-saving water (energy) consumption:	8.5L
Feed water pressure:	0.04MPA-1.00MPA
Turning:	30KG
Energy consumption of the standard:	0.7Kw/h



Self-contained sewage  
Unique double pump structure with double filter, separate stains, self-discharge



Special water softener  
More effective removal of dirt after softening of water



Option: Stainless steel cabinet  
Beautiful atmosphere, easy to use



-Dedicated mobile phone cleaning bracket  
20pcs dental handpiece can be placed at one time, supporting large capacity



Multi-function dispenser  
It can be preset with active cleaning enzyme powder, cleaning agent, brightener, etc. Cleaning according to self-service program



Large capacity,  
unlimited can be placed at the same time a variety of oral instruments, so that the placement of tools is more reasonable.

**Feature:**

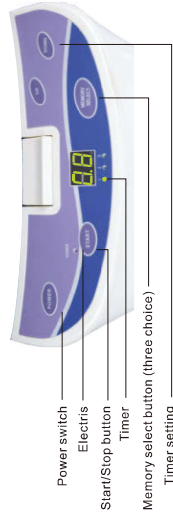
- 1-Streamline modelling, perfect design, smart construction
- 2-electric lock and motor brake gear ensure operational security
- 3-High-power and high-speed motor, fine viscosity and perfect mixture
- 4-Easy to operation,harmonious, no bubbles
- 5-3 programs setting for memory the mixing time (Install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



**Technical:**

Voltage:	AC110V 50/60HZ; AC220V 50/60HZ
Consumer power:	350-400W
Wavelength:	420nm-490nm
Timer:	1-16seconds
Revolution:	2900-3600 R.P.M.
Volume(cm)	40X33X45
Weight(kg)/PCS	26.0kg
Packing material	wooden

order name: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



6. Take out the mixture by the spatula

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

**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

order name:DB-338



**Technical:**

Voltage:	220 V / 50 Hz (110 V / 60 Hz are available)
Absorbed power:	200W Fuse 2A
Mixing frequency:	4500r/min(rpm)
Noise:	65dB
Programmable mixing time:	1-99sec.
Volume(cm)	33x27x20
Weight(kg)/PCS	4.5kg
Packing material	carton

Model: DB-4860



order name:DB-4860

**Technical:**

Tank capacity	6000ML (1.6gallon US) Max 5000ml / 1.3gallon (US) Min. 3350ml / 0.9gallon(US)
Tank Size	33.1 X 23.8 X 10.5CM / 13.0" X 9.4" X 4.1"
Longest Item Fits Inside Tank	34.0CM / 13.4"
Power	280W (AC100-120V 60HZ) 310W (AC220-240V 50HZ) 270W (AC100V 50/60HZ)
Digital timer	1 to 30-minute full range timer
Drainage	Drainage valve
Ultrasonic Frequency	35,000Hz
Tank Material	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	52.0x37.5x66.0cm/20.0"x14.8"x26.0"

Model: DB-4820



order name:DB-4820

**Technical:**

Ultrasonic Frequency	42,000 Hz
Tank Material	Stainless Steel SUS304
Tank Capacity	2500 ml
Timer	Digital timer with 5 cycles (180/280/380/480/90 seconds)
Power Supply	AC 100 - 120V / 50 / 60Hz 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



## ACCESSORY OF Electric Equipment



**Order code: C1-17M**  
1:1 mini push button central angle head



**Order code: C1-19M**  
1:1 mini push button central angle head



**Order code: C4-19M**  
16:1 mini push button central angle head



**Order code: C4-1M**  
18:1 mini push button central angle head

Fit into NSK endo-mate



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



**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: CX265-25**  
Cleaning table-head



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



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



**Order code: C-Gutta**  
Gutta percha pellet



**Order code: CX265-34**  
Gutta percha



**Order code: CX265-35**  
Gutta percha



**Order code: CX265-36**  
Gutta percha



**Order code: CX265-3**  
Gutta percha



**Order code: CX265-5**  
Plunger



**Order code: CX265-4**  
Multi-tool



**Order code: CX265-3**  
Thermal protector cap



**Order code: CX265-65**  
Gum cover



**Order code: CX265-1**  
Heat plunger



**Order code: CX265-2**  
Gun needle



**Order code: CX265-31**  
Heat tip



**Order code: CX265-55**  
For C-smart mini LED



**Order code: CX265-53**  
Contra angle holder



**Order code: CX265-8**  
For C-Smart-1+



**Order code: CX265-17**  
lip hook



**Order code: CX265-21**  
Tooth probes

## ACCESSORY OF ELECTRIC EQUIPMENT



**Order code: CX265-16**  
Test wire



**Order code: CX265-19**  
For C-Root1+ C-Smart-1pro lip hook line



**Order code: CX265-63**  
For C-Smart-1 mini AP test wire



**Order code: CX265-52**  
For C-Root1+ C-Root(V)



**Order code: CX265-7**  
For C-Smart-1 motor handle



**Order code: CX265-15**  
For C-Smart series Foot control



**Order code: CX265-62**  
For C-Smart-1pro motor handle



**Order code: CX265-22**  
For C-Root(V) Test handle



**Order code: CX265-40**  
For C-sailor motor with wire



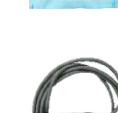
**Order code: CX265-41**  
For C-sailor Foot control



**Order code: CX265-42**  
For C-puma Micro motor



**Order code: CX265-66**  
For C-sailor Foot control



**Order code: CX265-64**  
for C-sailor motor with wire



**Order code: CX265-38**  
for C-sailor water supply pipe



**Order code: CX265-45**  
For DB-686 DELI Battery



**Order code: CX265-46**  
For DB-686 latte Battery



**Order code: CX265-47**  
For DB-686 Helen+ Battery



**Order code: CX265-48**  
For DB-685 penguin Battery



**Order code: CX265-49**  
For DB-685 super dual Battery



**Order code: CX265-50**  
For DB-686-1b Battery



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



**Order code: CX265-10**  
For C-Smart-1/C-Smart Battery



**Order code: CX265-20**  
For C-Root(V) Battery



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



**Order code: CX265-43**  
For C-puma (DC 30V,4A)



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



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



**Order code: CX265-29**  
Adapter (DC5V,1.0A)

## Handpiece Producing Facilities

COXO possesses a modern professional dental turbine workshop including precision processing center, high and low speed turbine processing, assembling and testing workshops and a comprehensive testing workshops as well. All the workshops are equipped with advanced testing and process facilities.



Balance machine from Germany



**Handpiece Series**  
Professional Dental Handpiece Manufacturer

CE 0197

We can supply many kinds of handpiece with high quality and better price.

COXO Brand dental turbine has got the approval of European Union CE certification, and the china national product registration as well.

**TITAN**  
大力神

**SUPER TORQUE**

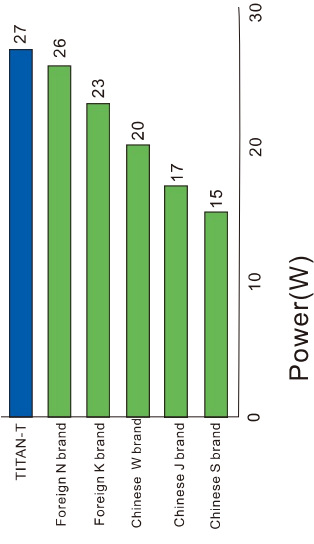
Cutting force increased by 76.9%.



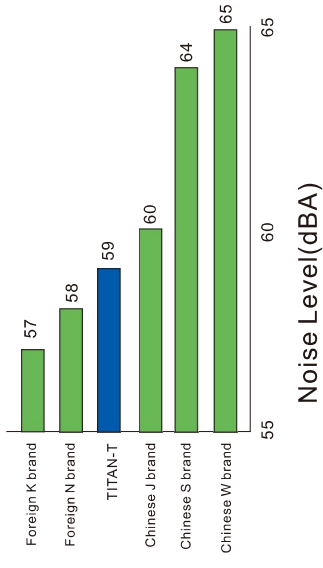
After several years of research and development, COXO launched the TITAN Super Torque handpiece. Use the highest quality materials, cutting-edge aerodynamics, dynamics and concentric precision technology. Successfully reduced noise significantly and greatly increased torque.

*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%



## TITAN

### SUPER TORQUE

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

95°  
- Four-hole spray, unique spray angle, can accurately cover the tip of the bur, provides excellent cooling.

Imported bearing  
Long life, low noise and stable

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



Standard head Order code: H33-SP4  
H33-SP2

Order code: 210-B3-SP



Torque head Order code: H33-TP4  
H33-TP2

Order code: 210-B3-TP



#### Technical:

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



4 way spray, Good cooling system

**New upgrade, new LED bulb, new integrated head**

**Self-luminous**



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

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

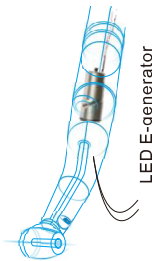
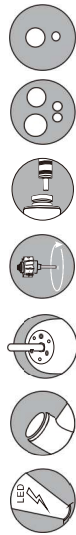
3 way spray, 3 air  
Head and cartridge with anti-retraction structure

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

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

Graceful body, simple,protable easy clean,easy control

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



LED E-generator



anti-dust structure

This product has been applied layout-design  
NO:ZL201220717131.8  
NO:ZL201220717131.8 ZL201210363655.6

**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:	0.25-0.27MPA(4hole) 0.20-0.22MPA(2hole)
Bur applicable:	Ø1.59-Ø1.6mmx21-23mm
Rotation speed:	≥ 300,000rpm

**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



Order code: 210-F-MP



Miniature head Quick coupling

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



Order code: 210-F+-SP



Standard head Quick coupling

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



Order code: 210-F+-TP



Torque head Quick coupling

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



Order code: 210-FD-SP



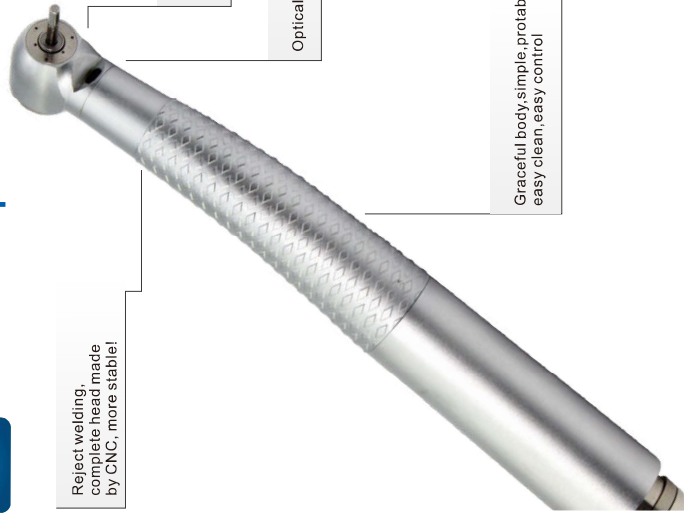
Standard head 45°

Order code: H05-DSP4  
H05-DSP2

**New upgrade, new integrated head**



**Fiber optic**



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

**Imported bearing**

Long life, low noise and stable

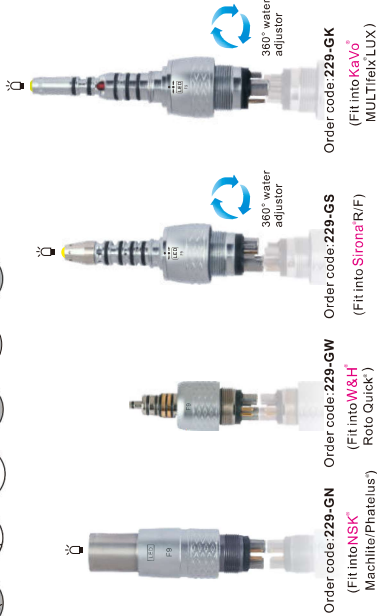
**Balanced impeller**

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



**Model: CX207-G**

**High-speed air turbine handpieces**

(Fit into NSK Machine/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 MULTIFLEX 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+-SP  
For standard head

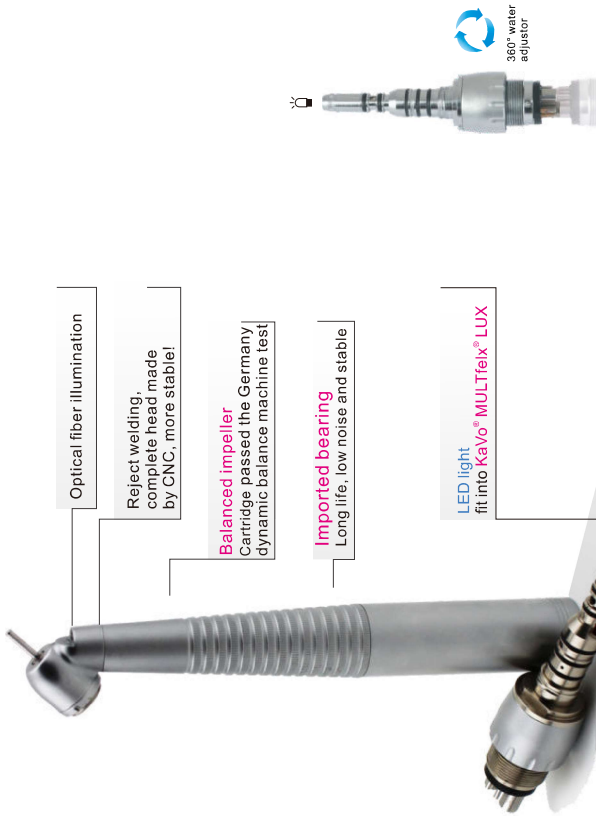


Order code: 210-G+-TP  
For torque head

**Technical:**

High speed handpiece: 3 way spray 3 air push button
Chuck type: LED light
Bulb: ≤70dB
Noise: 0.25-0.27MPA(6hole)
Air pressure: Ø1.59-Ø1.6mmx21-23mm
Burs applicable: ≥300,000rpm
Rotation speed: 1w
Bulb power: 2.9v-3.2v
Work voltage: 160mA





Optical fiber illumination

Reject welding complete head made by CNC, more stable!

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

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

LED light fit into KaVo® MULTiflex® LUX



360° water adjuster

Order code: 225-GK1  
fit into KaVo® MULTiflex® LUX



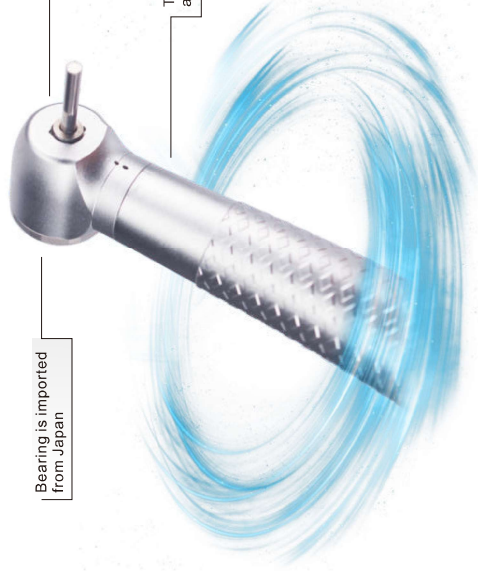
(Fit into KaVo® MULTiflex LUX)

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



Order code: 210-GKD-SP

**Power increased by more than 30%, cutting faster!**

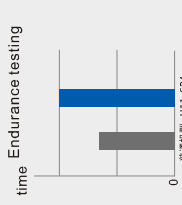


Bearing is imported from Japan

-Overload protection can prevent the working pressure being too high and prolong the service life of the handpiece  
-Cartridge is easier to replace

The neck is small and the treatment area is maximized.

Bearing is imported from Japan



Power increased by more than 30%, cutting faster



**Technical:**

- High speed handpiece: 1 way spray
- Chuck type: push button
- Noise: ≤65dB
- Air pressure at the back end of HP: 0.22-0.24MPa(4hole)
- Effective range of overload pneumatic protection : 0.3MPa-0.5MPa
- Rotation speed: ≥350,000rpm



Standard head Order code: H11-SP4

Order code: 210-1-SP

**New upgrade, new integrated head**



- Single water 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, portable easy clean, easy control



Order code: 210-A-SP



Order code: 210-A-TP



Standard head  
Order code: H02-SP4  
H02-SP2



Torque head  
Order code: H02-TP4  
H02-TP2



- Imported bearing  
Long life, low noise and stable
- High speed handpiece 45 degree angle for impacted tooth.
- Water cooling, no air come out from the head, avoiding hematoma during treatment
- Reject welding, complete head made by CNC, more stable!

- 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:	56dB
Air pressure at the back end of HP:	0.25-0.27MPA(4hole)
Bur applicable:	0.20-0.22MPA(2hole)
Rotation speed:	01.59-01.6mmx21-23mm ≥300,000rpm



Order code: 210-D-SP



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



**3 WAY SPRAY  
HANDPIECE**

Model: CX207-W

Model: CX207-W High-speed air turbine handpieces

**New upgrade, new integrated head**



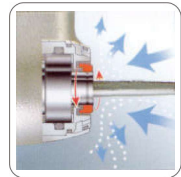
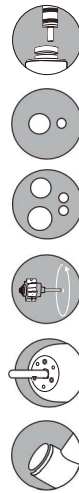
Cartridge passed the Germany dynamic balance machine test

3 water 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



**Technical:**

High speed handpiece:	3 way spray, 3 air spray
Chuck type:	push button
Noise	≤68dB
Air pressure at the back end of HP:	0.25-0.27MPA(4hole) 0.20-0.22MPA(2hole)
Bur applicable:	Ø1.59-Ø1.6mmx21-23mm
Rotation speed:	≥ 300,000rpm



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



**1 WAY SPRAY  
HANDPIECE**

Model: CX207-B

Model: CX207-B

High-speed air turbine handpieces

**New upgrade, new integrated head**

1 water spray, 4 air spray  
Head and cartridge with  
anti-dust structure

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

Graceful body, simple,  
easy clean, easy control

Wear-resisting, efficient operation

**Balanced impeller**

Cartridge passed the Germany  
dynamic balance machine test

**Good cooling system,**  
soft push button

**Imported bearing**

Long life, low noise and stable



**Technical:**

High speed handpiece:	1 way spray, 4 air spray
Chuck type:	push button
Noise	≤68dB
Air pressure at the back end of HP:	0.25-0.27MPA(4hole) 0.20-0.22MPA(2hole)
Bur applicable:	Ø1.59-Ø1.6mmx21-23mm
Rotation speed:	≥300,000rpm



Order code: 210-B+-S

Standard head Order code: H13-S4  
H13-S2



Order code: 210-B+-T

Torque head Order code: H13-T4  
H13-T2



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