

COXO[®]

**UNICORN[®]
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Behind The Best Indian Dentists

Coxo Surgic X Dental Implant Motors With 20:1 Surgical Contra Angle Handpiece



IMPLANT MICROMOTOR

Coxo Surgic X Dental Implant Motors/ Physiodispensers With 20:1 Surgical Contra Angle Handpiece

Implant mode & Surgery mode | Multiple Program Option | Graphical Interface

Master in placing Dental Implants with Stability, Precision & Safety

Features

- + **High-Performance Motor:** Brushless surgical induction motor provides consistent torque up to 80 Ncm with ultra-low noise operation.
- + **Enhanced Visibility:** Dual lighting systems - integrated LED (>30,000 lux) and fiber optics - ensure bright, shadow-free illumination.
- + **Smart Controls:**
 - 7-inch touchscreen with real-time parameter monitoring (speed, torque, coolant flow)
 - One-touch presets for common procedures
 - Customizable programs via intuitive graphical interface
- + **Ergonomic Design:** Light weight contra-angle handpieces (autoclavable) reduce fatigue during prolonged surgeries.
- + **Precision Cooling:** 4 adjustable coolant levels (up to 50 mL/min) with built-in peristaltic pump.
- + **Safety Systems:** Overload protection, thermal sensors, and sterilization-compatible components.



CE 0197

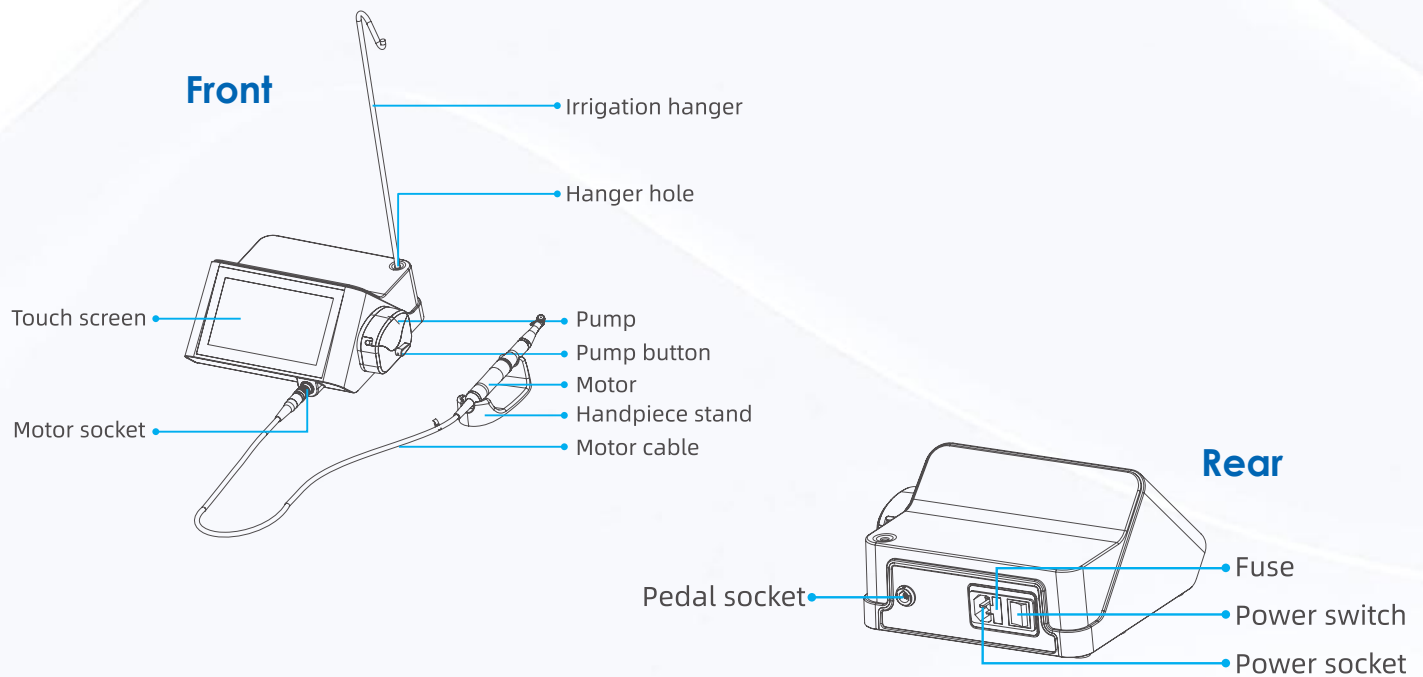
Target Applications

Designed for dental surgeons specializing in:

- + Full-arch implant rehabilitation
- + Bone grafting procedures
- + Minimally invasive flapless surgeries

Operational Benefits

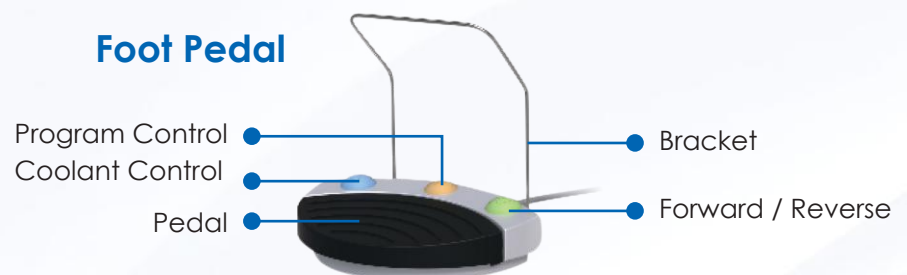
- + **Efficiency Boost:** Rapid parameter adjustments via touchscreen and multifunction metal pedal.
- + **Surgical Precision:** 0.1 rpm speed increments and torque control for osteotomy preparation.
- + **Infection Control:** Fully autoclavable cables and handpieces meet ADA sterilization guidelines.
- + **Adaptability:** Compatible with both implant placement and surgical extractions.



Contents Details

- ✦ Control Unit
- ✦ Foot Pedal
- ✦ Power Cord
- ✦ Motor
- ✦ Irrigation Hanger
- ✦ Bracket
- ✦ Tube Holder
- ✦ Fuse
- ✦ Information For Use (IFU)

Foot Pedal



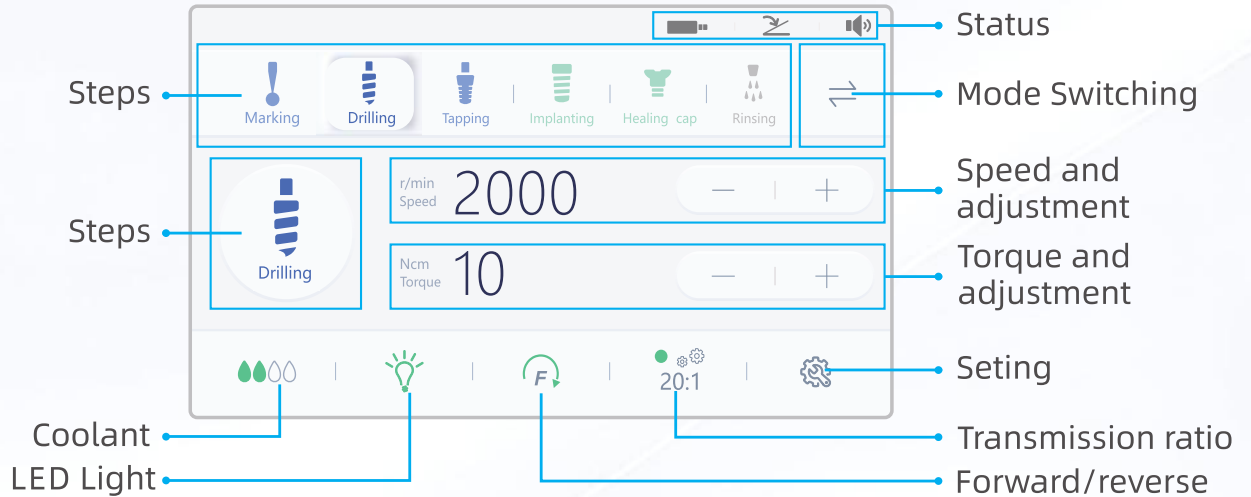
TECHNICAL SPECIFICATION- COXO SYRGIC-X

Power Supply Voltage (V/Hz)	110-130V~50/60Hz or 220-240V~50/60Hz
Frequency	120VA
Operating Mode	Duty Cycle: Max.T_ON:40s, Min.T_OFF: 10min
Classified of protection against Electric shock	Class I
Protection against electric shock	Type B applied part
Degree of Protection (IEC 60529)	IPX7 (foot pedal)
Classified by security	Non-AP / APG
Attitude	≤2000m
Overvoltage category	Class II
Pollution degree	Degree 2
Applied Part	Motor
Maxima torque (20:1)	70 N.cm

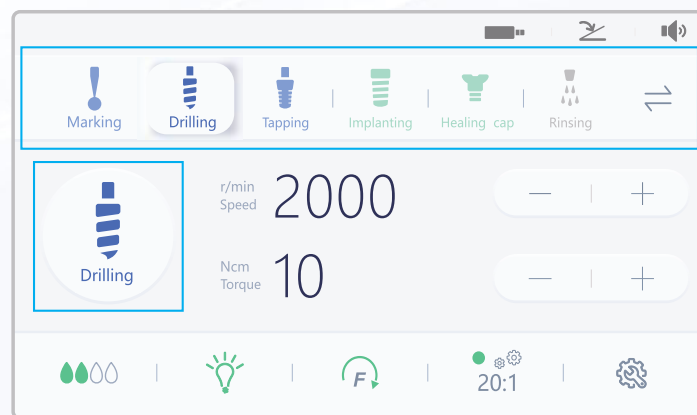
Operation

The device contains two modes: Implant & Surgery, and can be switched by pressing ⇌

Implant Mode



Select Implant Program



6 programs for Implant Mode

- ✦ Selecting by clicking the step key, or switch by clicking the enlarged step icon
- ✦ Switching by program key (P) on the foot pedal
- ✦ Pressing the program key (P) for 2 seconds, return to the previous step

Speed: Press - / + to adjust the desired value, which is the highest speed when to motor works



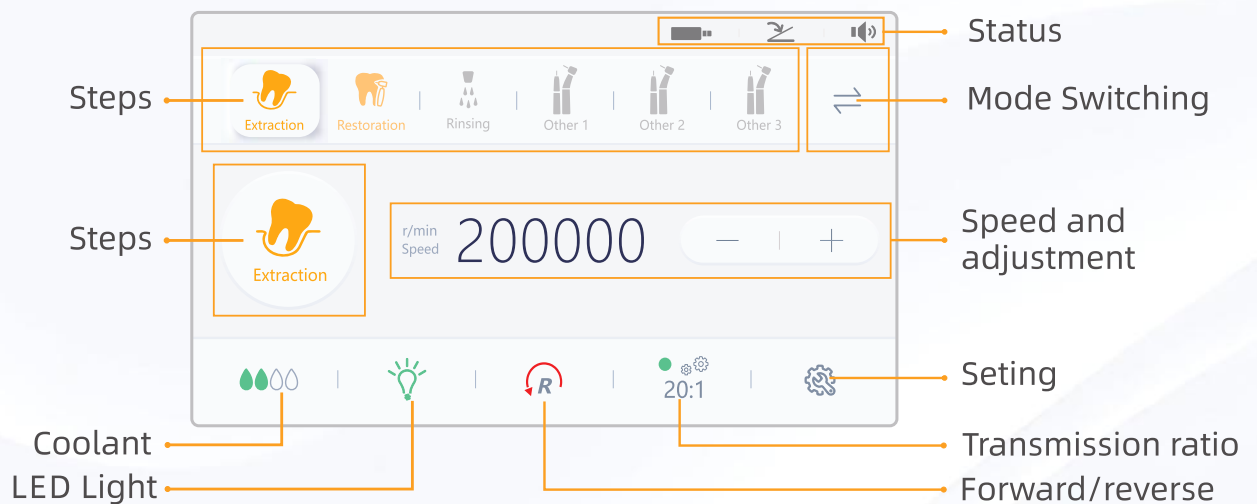
Limit Torque:

Press - / + to adjust the desired value, which is the highest speed when to motor works



Surgery Mode:

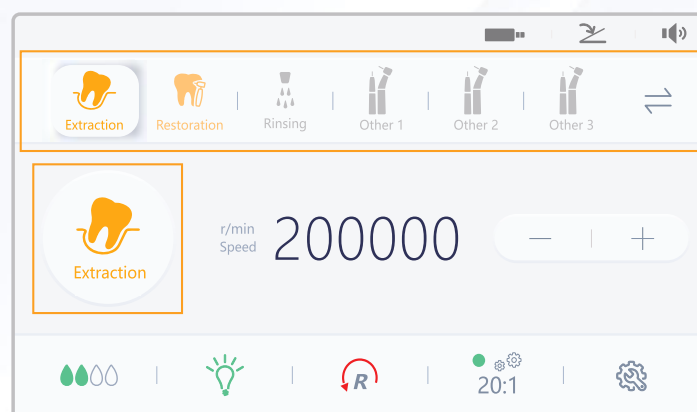
Press ⇌ to switch to surgery mode



Select Surgery Mode

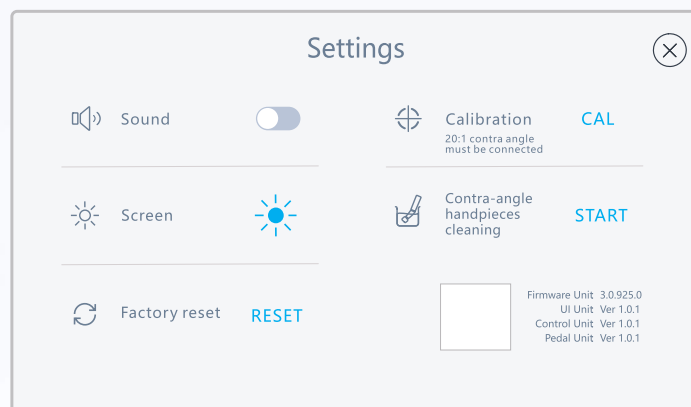
6 programs for Surgery Mode: Selecting by clicking the step key, or switch by clicking the enlarged step icon

- ✦ Switching by program key (P) on the foot pedal
- ✦ Pressing the program key (P) for 2 seconds, return to the previous step



Setting

Press  to enter the setting and press  to exit



TECHNICAL SPECIFICATION- COXO SYRGIC-X MOTOR

Speed Range	300r/min~40000r/min
Motor Shaft Coupling	Meet the requirements of ISO 3964
Motor Cable Length	1.6m
Material	Aluminum Alloy, stainless Steel

TECHNICAL SPECIFICATION- COXO SYRGIC-X ILLUMINATION (LED)

Light Source Type	LED
Colour Temperature	6,000 K
Voltage Range	DC 2.8 -3.6 V
Maximum Current	100 mA



WHERE **TRUST** COMES **FIRST**



**Warranty Ke Saath Bhi
Warranty Ke Baad Bhi**

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* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

Ver 06/2025