

ROSON

FOR DENTISTS' EXCELLENCE

S9⁺

Security Master

DENTAL UNIT



FOR DENTISTS' EXCELLENCE



Foshan Roson Medical Instruments Co., Ltd.

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Safety

ROSON
Is the Ultimate Luxury



About Roson

Foshan Roson Medical Instruments Co., Ltd., established in 2005, has been dedicated to the oral healthcare field for over two decades. The company focuses on the R&D of intelligent dental equipment and innovation in full-cycle treatment services. We are committed to creating more professional and intelligent diagnostic and therapeutic tools for dentists worldwide, ensuring that each equipment serves as a reliable partner in precise treatment. Our products and systems have obtained EN ISO 13485 international quality management system certification and the European Union CE marking. As an industry leader, Foshan Roson Medical Instruments Co., Ltd. operates an intelligent production base covering over 10,000m². Through digital transformation, the company has achieved high-efficiency operation and management. It has been honored with numerous authoritative recognitions, such as the "Specialized, Sophisticated, Distinctive, and Innovative", being named one of the "Top Ten Brands of the Southern Dental Valley" and a "National Hidden Champion in Nanhai Manufacturing". Furthermore, the company served as a drafting unit for the group standard "Technical Specifications for Dental Units". With its business now spanning over 120 countries and regions worldwide, Roson is committed to empowering dentists to perform even better.



Champion Dental Unit
Precision-crafted by Roson

Roson Manufacturing Authoritative Certification



Innovative R&D
Patent Certification



SGS Certification



ISO Certification



EU CE Certification



Champion
Dental Chair



High-Tech
Enterprise



Dual President Unit of the
Dental Equipment Association



Top Ten Brands in
Southern Dental Valley



China NMPA Certification



10000m²+
Production Base

End-to-End
Quality Management

Digital
Smart Manufacturing

Strict Quality Control

Foshan Roson Medical Instruments Co., Ltd. operates its own in-house oral medical device testing laboratory and is supported by a professional R&D team of engineers boasting an average of over 10 years of industry experience. The Quality Control department is structured with dedicated IQC and OQC teams. These teams meticulously oversee every detail, ensuring that each piece of dental equipment delivers outstanding and reliable quality.



Temperature and Humidity Chamber

Salt Spray Tester

Elastic Arm Tester

Multifunctional Foot pedal Tester

Chair Frame and Motor
Performance Testing System

Control System Aging Test System

S9+ Security Master

Safety Is the Greatest Benefit

From conceptualization to production realization, and through every critical stage of clinical validation of the complete unit, Roson Medical always takes "safety" as its core starting point.

We conduct in-depth optimization of the dental unit's interactive design for both dentists and patients, precisely adapting it to the high-frequency scenarios of dental procedures. This significantly enhances safety performance during clinical operations, allowing us to redefine the safety benchmark for dental unit usage with our robust technical capabilities.

Intelligent Shield System



Passive Safety



Active Safety



Infection
Control Safety



Clinical
Procedure Safety

Passive Safety

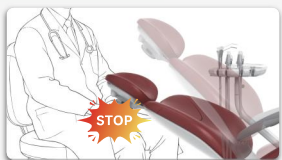
Millisecond Response, Safety Ensured

Equipped with millisecond-level intelligent sensing technology, the dental unit provides all-round anti-pinch protection during seat height adjustment, backrest positioning, and spittoon movement, effectively eliminating the risk of limb compression.

01 Anti-Pinch Leg Protection & Auto-Reverse Backrest upon Obstacle Detection

Millisecond-Level Protection, Zero Delay for Safety

The backrest features instant response upon obstacle detection, preventing any risk of thigh compression.



Anti-collision activates in under 0.2s and pauses descent

02 Anti-Pinch Foot Protection & Auto-Reverse on Obstacle During Lifting

"Invisible Shield" at foot level, moves away automatically upon contact

During seat descent, it moves away instantly upon contact, preventing foot injury.



Upon collision detection, it automatically descends 5 cm as a protective measure



03 Anti-Pinch Hand Protection & Auto-Reverse on Obstacle for Armrests

Proactive Safety Tech, Dodges upon Contact

With millisecond-level sensing, the spittoon automatically "dodges" upon collision, preventing any hand injury.



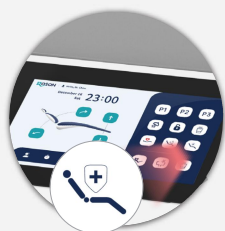
Auto-rises 5cm upon collision detection



Clinical Procedure Safety & Active Safety

Millisecond Response, Safety Ensured

Equipped with millisecond-level intelligent sensing technology, the dental unit provides all-round anti-pinch protection during seat height adjustment, backrest positioning, and spittoon movement, effectively eliminating the risk of limb compression



04

One-Touch Emergency Positioning

One-touch switch to emergency position,
enhancing cerebral blood supply

To seize the golden hour for emergency response



05

Intraoperative Safety Lock Control System

When the handpiece, scaler, or micro motor is in operation,
the patient seat's movement program is automatically locked
to prevent accidents caused by unexpected chair motion



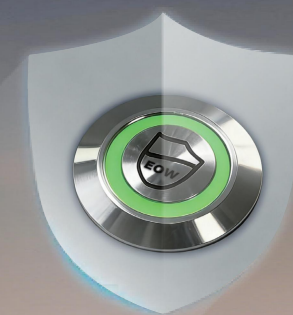
Infection Control Safety

Self-developed EOW-TECH Electrolytic Oxidized Disinfection System

Major breakthrough in technological innovation

The incoming water is intelligently disinfected via micro-electrolysis

For dental treatment water, safety is paramount



One-Touch Start
EOW-TECH Electrolytic
Oxidized Disinfection System



FOR DENTISTS

One-touch activation, infection protection

FOR PATIENTS

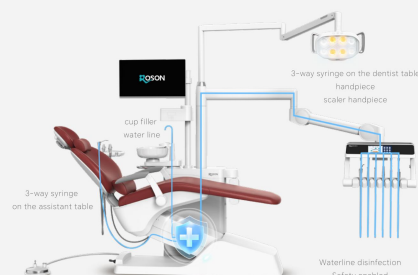
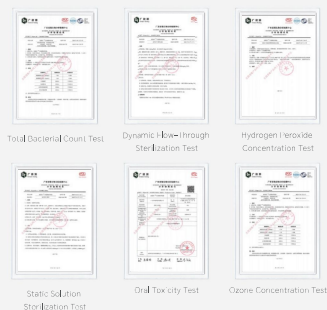
Non-toxic & non-irritating via oral exposure, convenient and safe

FOR THE DENTAL UNIT

Comprehensive disinfection, free of free chlorine ions, no tubing damage.

Patent No.: ZL 2023 1 0396693.X

Authoritative Certifications from Six Major Testing Categories



EOW-TECH Electrolytic Oxidized Disinfection System

- Highly efficient sterilization**
Bacterial reduction rate ≥ 99.9999%
- Biofilm inhibition**
Prevents biofilm formation
Prevents cross-contamination
- Non-toxic & Non-irritating**
Produces Reactive Oxygen Species (ROS)
Validated by comparative veterinary medical studies
Clinically verified as non-irritating

EOW-TECH Intelligently Ensuring Dental Treatment Water Safety

Adaptive to water quality
Adaptive to complex electrolytes
Meets various water quality conditions

Environmentally friendly
with no residual waste
Residual byproduct is water
No harmful environmental residues

No pipeline corrosion
Free of free chlorine ions
Non-corrosive to metals

ROSON Self-Developed Intelligent Control System

Digital-Intelligent New Efficiency | Smart-Enhanced New Experience

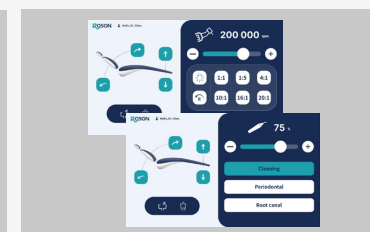
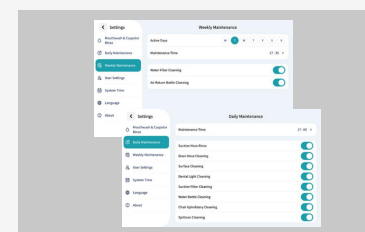
Equipped with a Visual High-Sensitivity Touchscreen and Highly Customizable Combination Keys, it significantly enhances operational efficiency

The self-developed intelligent control system precisely orchestrates every function of the dental unit, making the treatment process both highly efficient and exceptionally reliable



Next-Generation High-Sensitivity Touchscreen

High touch precision ensures uninterrupted operation even with a blue protective film applied. Made of nano-level optical tempered glass, it features $\geq 95\%$ ultra-high light transmittance, and is corrosion-resistant, scratch-proof, and easy to clean.

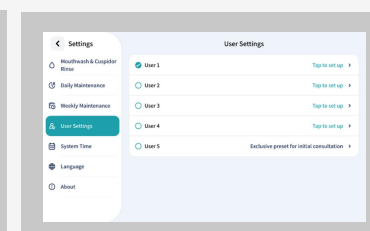
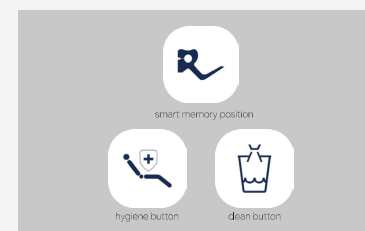


Scheduled Maintenance Reminder Function

Smart maintenance reminders: auto-triggers on your schedule. Ensures optimal equipment condition and enhances clinical workflow efficiency.

Digital Precision Treatment

Features built-in dual systems: micro motor + scaler. 1% adjustment precision with real-time parameter visibility.



Pro Shortcut Combos

- Instant Reset/Return: One-touch reset, second-touch auto-return
- Rinse & Flush Combo: Auto-refills rinse water and flushes spittoon
- Smart Clean Position: One button optimizes chair position and starts flushing

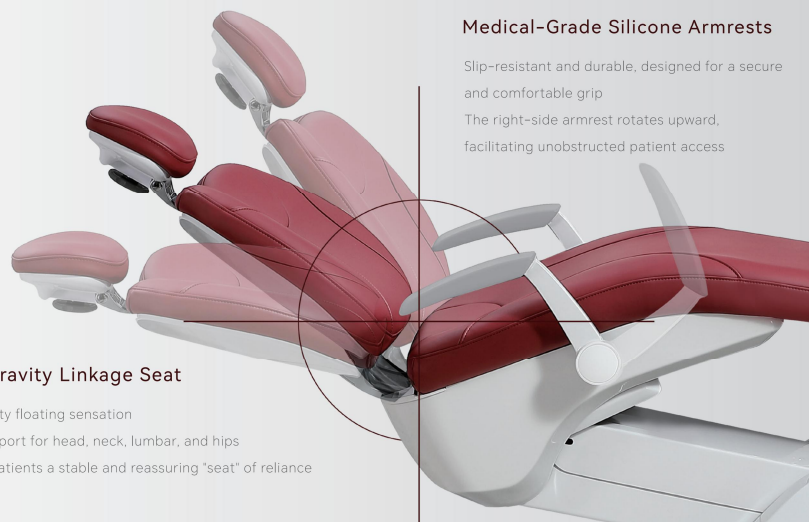
Dedicated Custom User Profiles

5x3 memory positions with custom combo shortcuts for enhanced efficiency. Adapts to the individual operating habits of different practitioners.

PleasantCare Experience

Precision Internal Guideway Drive System

The backrest moves in perfect, silent sync with the patient's back, featuring gentle start/stop motions to provide a cradle-like comfort experience.



Medical-Grade Silicone Armrests

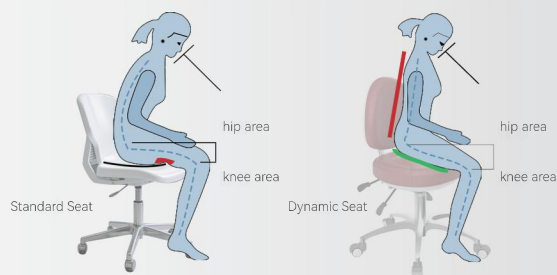
Slip-resistant and durable, designed for a secure and comfortable grip
The right-side armrest rotates upward, facilitating unobstructed patient access

Zero-Gravity Linkage Seat

Zero-gravity floating sensation
Zoned support for head, neck, lumbar, and hips
Offering patients a stable and reassuring "seat" of reliance

RS-06 Dynamic Dentist Stool

Stable support
Soft silicone rubber leather upholstery for comfort
Dynamic seat adjustment to reduce fatigue during prolonged use



Practical by Design, Efficient by Default

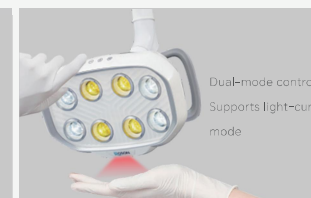
Efficient Auxiliary Treatment Package

Paired with an 8-bead LED dental light, it also comes equipped with a 5-in-1 storage box, a silent foot pedal, and a 4-way foot controller
It facilitates a more efficient and convenient dental workflow

Rolight E 8-Bead LED Dental Light

The large-diameter light spot provides full oral cavity coverage
Stable illumination brightness aids precise treatment

Yellow Light
White Light
Mixed Light Mode



Dual-mode control
Supports light-cure mode



Operational flexibility
Detachable handle



5-in-1 Multifunctional Storage Box

Convenient for patients to access tissues and paper cups
Ideal for storing phones, mirrors, and other personal items



Convenient 4-Way Foot Controller

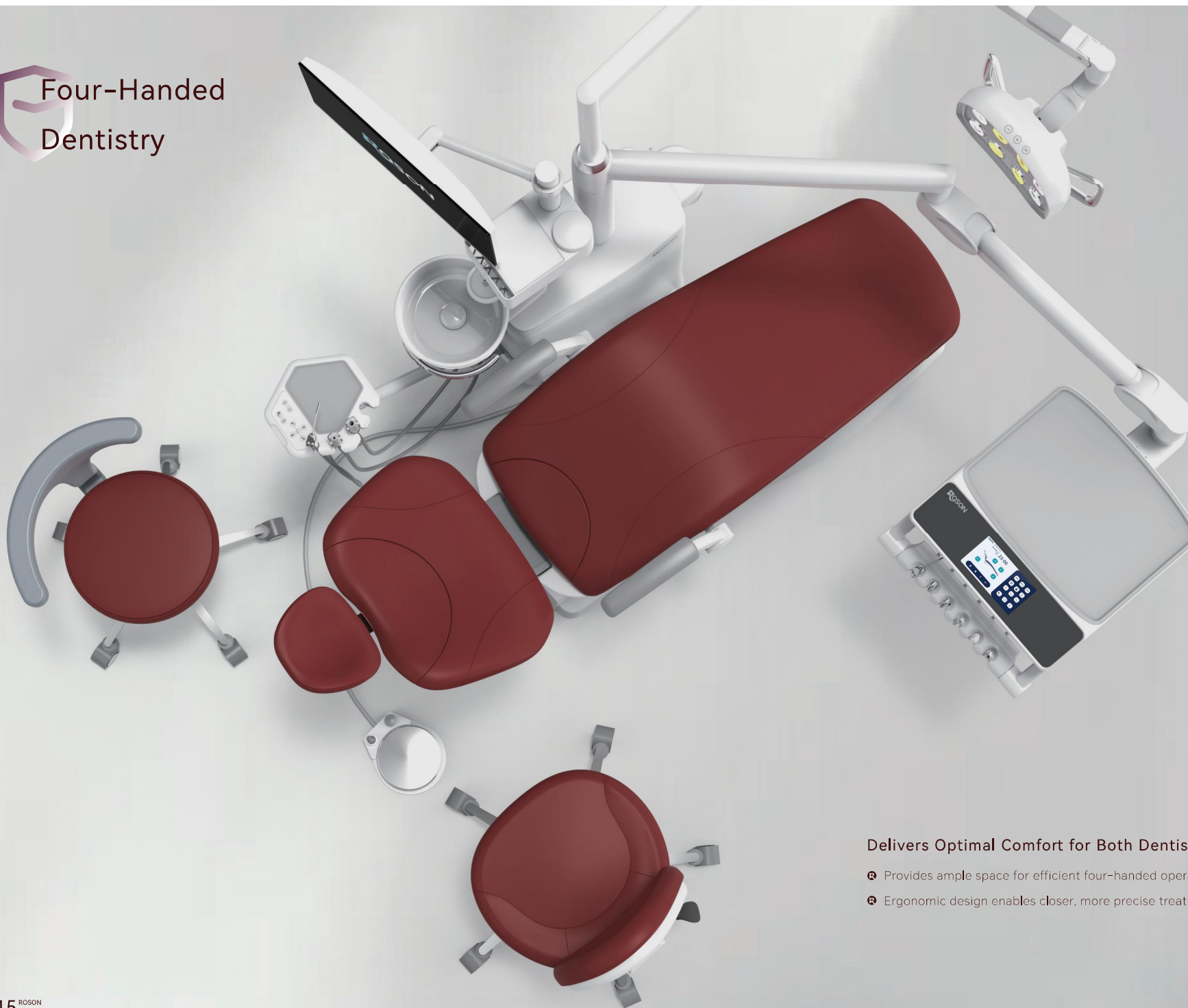
Enables hands-free chair adjustment for both dentists and assistants
Operation is effortless and swift



Practical Round foot pedal

Stainless steel construction
Integrated water and air switch
Slip-resistant base, low-noise operation
Endurance-tested for 300,000 cycles

Four-Handed Dentistry



Delivers Optimal Comfort for Both Dentists and Patients

- ® Provides ample space for efficient four-handed operation
- ® Ergonomic design enables closer, more precise treatment



Top mounted model 

Rock-Solid Floor-standing Side Cabinet Design

- Ⓡ Delivers exceptional stability
- Ⓡ Enhances overall durability
- Ⓡ Reduces seat load and extends motor life

Implant model



Precision, Stability, Safety & Efficiency

- Empowering dentists with efficient performance
- Every movement, fully in control



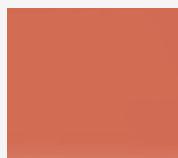
Custom Color Options

21 Premium Soft-Touch Silicone Upholstery Options

Soft Touch & Easy Clean & Durable Disinfection



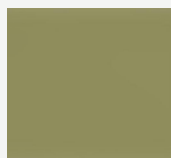
SIGNATURE COLOR
FS04 BEGONIA RED



FS05-
HERMES ORANGE



FS11-
NACARAT



FS06-
OLIVE-GREEN



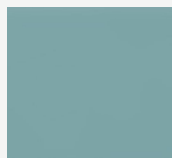
FS08-
LIGHT GREEN



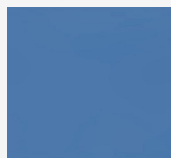
FS18-
GRASS GERRN



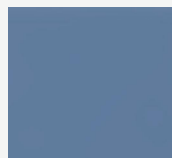
FS07-
ROSON BLUE



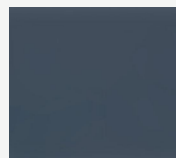
FS02-
TIFFANY BLUE



FS02-COLOURED
GLAZE BLUE



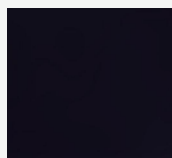
FS14-
MOUNTAIN BLUE



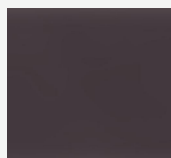
FS09-
STARRYSKY BLUE



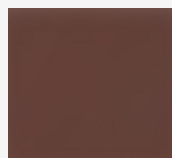
FS10-
SEA BLUE



FS16-
BLACK



FS01-
MODERN BROWN



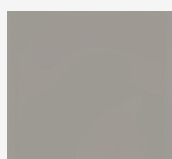
FS12-
CLASSIC BROWN



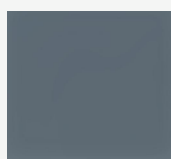
FS20-
NARDO GRAY



FS19-
SKYSCRAPER GRAY



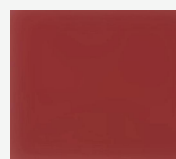
FS13-
MOONLIGHT WHITE



FS03-
GRAY



FS15-
VIOLET



FS17-
CHERRY RED

– Personalized Configuration Options –

Configuration	Standard “√”	Optional “△”
Anti-pinch leg protection	√	
Anti-pinch foot protection	√	
Anti-pinch hand protection	√	
One-touch emergency position	√	
Intraoperative safety lock control system	√	
EOW-TECH Electrolytic Oxidized Disinfection System	√	
Zero-gravity linkage seat	√	
Soft silicone rubber leather upholstery	√	
Medical-grade silicone armrest	√	
Rolight E 8-bead LED dental light	√	
Stainless steel spittoon handle	√	
5-in-1 Multifunctional storage box	√	
Medical-grade 7-inch touch control screen	√	
5 x 3 configurable memory positions	√	
Stainless steel handle 3-way syringe	√	
Stainless steel spiral handpiece tubing	√	
Instrument tray heater	√	
Round foot pedal	√	
Four-way foot controller	√	
RS-06 Dynamic dentist stool	√	
RS-03 Assistant stool	√	
24V X-ray viewer	√	
Built-in scaler		△
Built-in micro motor		△
Built-in curing light		△
Intraoral camera		△
Lumbar & neck support cushion		△