



FOR DENTISTS' EXCELLENCE



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ROSON SINCE 2005

FOR DENTISTS' EXCELLENCE

A1 PRO

PROFESSIONAL
MODEL



Technology
Simplifies Smart Therapy

COMPANY PROFILE

SINCE 2005

Established in 2005, Roson Medical specializes in the manufacturing of dental units and focuses on the R&D of intelligent dental equipment as well as innovative end-to-end treatment solutions. We are committed to providing dentists worldwide with more professional and smarter diagnostic tools, ensuring each device serves as a reliable partner in delivering precise care. For two decades, Roson has been dedicated to becoming a leading global supplier of high-quality dental instruments, helping dental professionals achieve greater excellence.

As an industry benchmark, Roson operates a smart manufacturing base of over 10,000m². Through digital-intelligent transformation, we have achieved highly efficient operations and management, with an annual production capacity of more than 12,000 dental units and other dental products. Our digital-intelligent systems enhance the stability and reliability of product performance, all of which has earned international authoritative certification.

20+

20+ years Industry Experience

15+ Years

Most of our partnerships are over 15 years

5 Continents

Business layout in 5 continents

120+

120+ Countries and Regions

130,000+

130000+Global Users

CONCEPT

"FOR DENTISTS' EXCELLENCE"

GOAL

To be NO.1

VISION

To become a professional, dedicated dental medical company, loved by employee, respected by the industry

CORE VALUE

Value creation, integrity & honesty
Self-driven, team play

Roson Manufacturing Authoritative Certification



A1 PRO

Technology-Powered Diagnostics Intelligence-Redefined Experience

Breaking through the functional and operational boundaries of traditional dental units, it reconstructs the entire treatment process through intelligent interaction and precise control, to achieve a comprehensive leap in both operational modes and experiential quality.

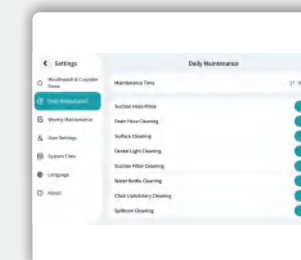
Designed around clinical realities for simple operation and peace of mind in every procedure.



Seven Innovative Technologies Drive Efficient Treatment

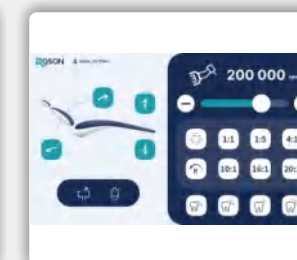
1. Next-Generation High-Sensitivity Touchscreen

Intuitive interface, efficient interaction.



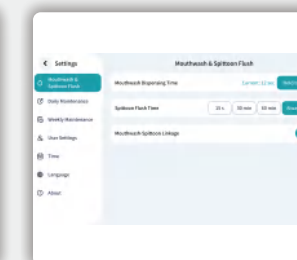
2. Scheduled Maintenance Reminder

Comprehensive maintenance reminders for unfailing assurance;
A commitment to reliable operation.



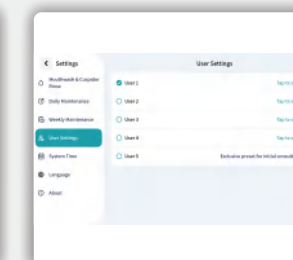
3. Digital Precision Control

Enabling refined care;
Elevating treatment efficiency.



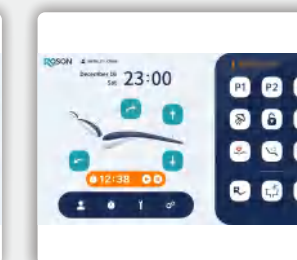
4. Metering Water System

Intelligent dual-module control;
Precision water metering;
Saving operating time.



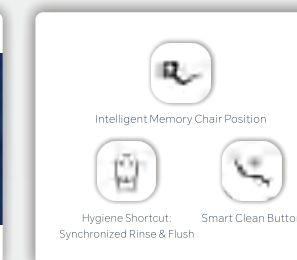
5. Five Custom User Preferences

Providing dedicated user storage;
Matching your personal workflow.



6. Digital Countdown Timer

Defining standardized care;
Maximizing productive time.



7. Pro Shortcut Combos

One-touch start for multiple procedures;
Tightening the clinical workflow.

ONE

Next-Generation High-Sensitivity Touchscreen

Clarity at a Glance
Response in an Instant

High-Precision Touch

Precise control with gloves or barrier film prevents errors and protects workflow efficiency.

Nano-Grade Optical Toughened Glass Panel

≥95%

Clarity for boundary-free vision



Corrosion-resistant



Scratch-resistant



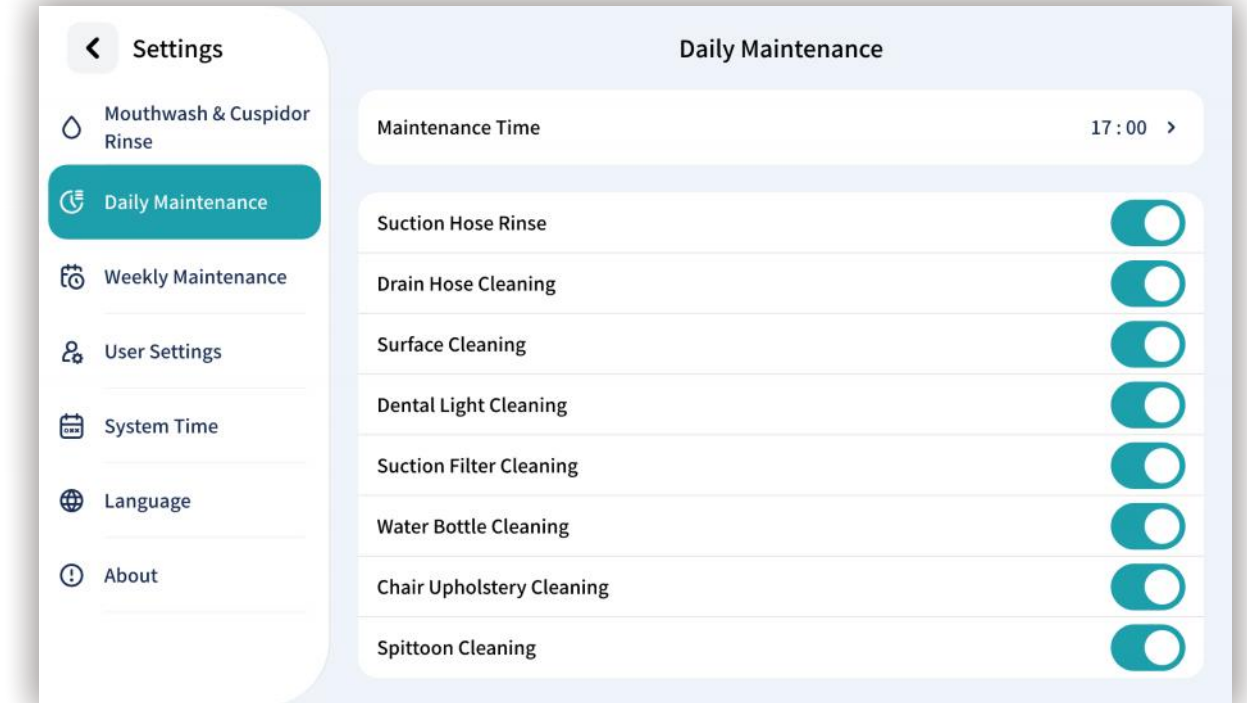
Easy-clean



TWO

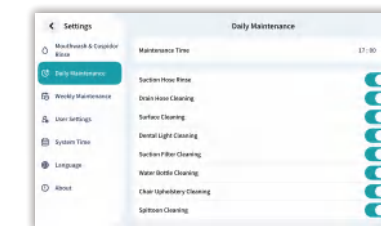
Scheduled Maintenance Reminder Function

Comprehensive maintenance reminders for unfailing assurance;
Optimal operating condition;
Extending the reliable lifespan of the equipment.



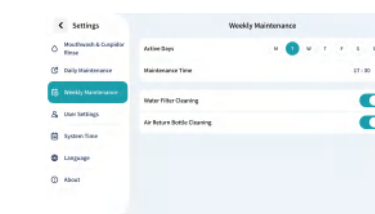
Covers the 10 essential maintenance procedures for dental units

No manual record-keeping for maintenance schedules



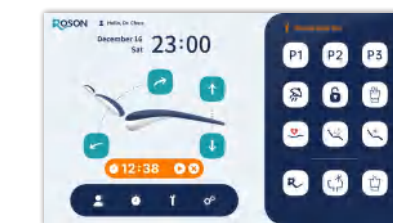
Customizable daily & weekly settings

Adapts to the varying cycle needs of each maintenance item



Automatic audible alerts at your set times

Audible even in noisy environments without disrupting the treatment flow



Ensures stable operation and extends the service life of dental units



THREE

Digital Precision Control

Empowers precision treatment and enhances efficiency;
Eliminates external devices
frees up clinic space.



Digitally controlled micro motor for precision

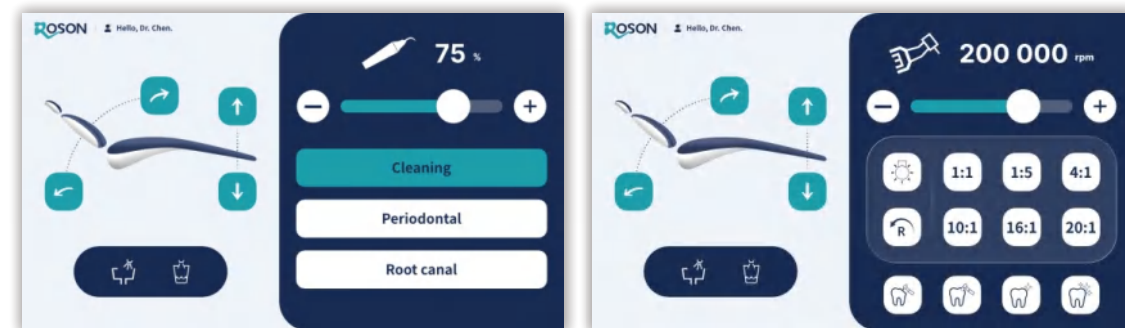
Preset modes: Cutting / Grinding / Polishing / Fine-Polishing
One-touch start

Digitally controlled ultrasonic scaler for precision

Features three modes: Prophylaxis, Periodontal, Root Canal

99% Precision Parameter Control

99% adjustment precision with real-time parameter display



FOUR

Intelligent Metering Water System Precision control for confident care

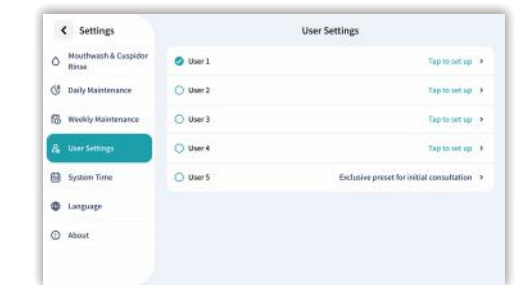
Dual-Module Control Technology: Cup placement triggers smart sensing and precise metered water delivery. Creates a VIP treatment experience for patients while significantly saving staff operational time.



FIVE

5 User Preference Settings Smart adaptation, one-touch positioning

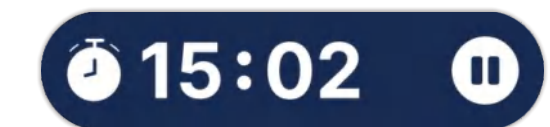
Built-in 5 independent user accounts. Each supports presets for 3 memory positions and 4 motor parameters.
Custom settings to adapt to different clinical routines, boosting handover efficiency by 40%.



SIX

Digital Countdown Timer with Alert Preset programs for orderly treatment

Preset timers for standard procedures (e.g., Curing, Irrigation, Anesthesia) to empower standardized treatment protocols.



SEVEN Pro Shortcut Combos

Design-driven efficiency,
simplified workflow



Automatic reset for optimal
clinical positioning

One-touch reset. Press again to return to treatment position.
Adapts to clinical start-up and wrap-up procedures.



Intelligent Memory Chair Position

Hands-free rinse during breaks

Automatic spittoon flush post-rinse.
Maintains a consistently clean clinical environment.



Hygiene Shortcut:
Synchronized Rinse & Flush

One-touch to end-of-day

Initiates chair reset & spittoon
clean cycle for fast sanitization.



Smart Clean Button

One-touch sync for
intelligent coordination

Synchronizes backrest, light, rinse & flush eliminates
glare and boosts both efficiency and comfort.



Dental Light & Treatment
Chair Position Sync Button



Empowering Dental Care with Technology
Redefining the New Touch Interaction Experience



Stable Core Treatment Chair Platform

Enhanced Stability | Strong Loading Capacity

No Wobbling, More Assurance;

No Displacement, Higher Efficiency.



Rock-Solid Load Bearing

Constructed with premium carbon

structural steel **≥12mm** thick;

Bearing capacity **≥150KG**

with exceptional compressive rigidity.



Anti-Slip & Anti-Tip, Ensured Safety

Non-slip rubber feet on the base dramatically increase ground friction;

An anti-tip structure on the left side of the base plate prevents tipping due to imbalance.



Soft-Touch Full Silicone Upholstery



Stain-Resistant & Easy-Clean

Wipes clean instantly



Abrasion-Resistant

20000 Martindale cycles certified



UV-Resistant

Resists aging, yellowing, and fading



Hypoallergenic & Non-Irritating

CNAS-accredited certification

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

Tri-Mode Control

Touch Buttons, Infrared Sensing, Tray Touchscreen



Flexible Operation Detachable Handle



Dental professional dentist stool

U-Shaped Ventilation Design

The ergonomic U-shaped structure effectively reduces heat and moisture buildup in the groin area, ensuring long-lasting comfort without stuffiness.

20°Angled Contoured Leg Rest

Reduces compression on the inner thigh vasculature, addressing the root cause of leg numbness and discomfort, while lowering the risk of lumbar strain.



More breathable

90°-110° Adaptive Backrest Recline

Balances procedural access with restful positioning, maintaining a comfortable, natural lumbar posture throughout.

300~428mm Adjustable Seat Depth

The backrest contours to the body's natural curve, accommodating various clinician postures to deliver precise lumbar support.



hip area
knee area
Standard Seat



hip area
knee area
RS-07
Dental professional dentist stool



MODEL: RS-07

4-Position Adjustable Handpiece Holder Secure Storage, Hassle-Free Operation

Adjustable to 4 angles to match instrumentation habits;
Prevents sleeves from snagging burs
to reduce operational risk.



Recessed & Concealed Handle Touch-Resistant for Hygiene, Easy to Operate

Recessed, concealed design: rotates without contacting
the spittoon, reducing cross-contamination risk.



Spittoon Odor Trap Blocks Odors, Freshens the Clinic

Prevents sewer odors from rising and
spreading, maintaining fresh, clean clinic air.



Various Styles Available

Personalized customization;
Meet the needs of different departments.



*Top mounted model

*Implant model



*Trolley model



Custom Color Options

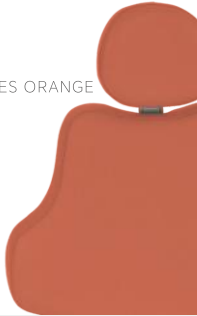
21 Premium Soft-Touch Silicone Upholstery Options

Soft Touch & Easy Clean & Durable Disinfection

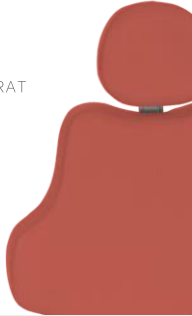
SIGNATURE COLOR

FS09-STARSKY BLUE

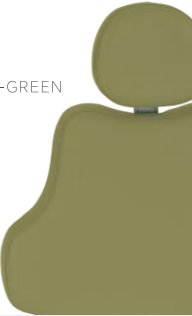
FS05
HERMES ORANGE



FS11
NACARAT



FS06
OLIVE-GREEN



FS08
LIGHT GREEN



FS18
GRASS GERN



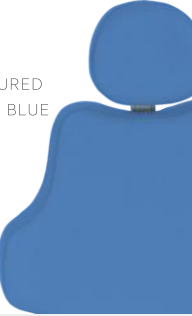
FS21
ROSON BLUE



FS07
TIFFANY BLUE



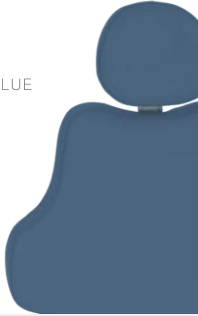
FS02
COLOURED
GLAZE BLUE



FS14
MOUNTAIN BLUE



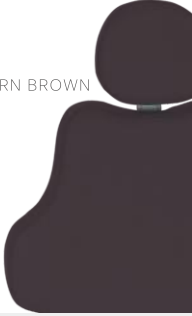
FS10
SEA BLUE



FS16
BLACK



FS01
MODERN BROWN



FS12
CLASSIC BROWN



FS20
NARDO GRAY



FS13
MOONLIGHT WHITE



FS19
SKYSCRAPER GRAY



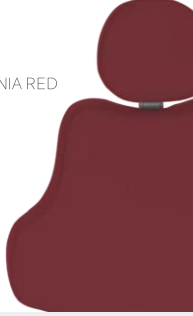
FS03
GRAY



FS15
VIOLET



FS04
BEGONIA RED



FS17
CHERRY RED



- Personalized Configuration Options -

Configuration	Standard“√”	Optional“△”
Soft silicone rubber leather upholstery	√	
Intraoperative safety lock control system	√	
Soft start and stop system	√	
Stable Core Treatment Chair Platform	√	
Automatic metered water delivery system	√	
Removable ceramic spittoon	√	
ROSON Intelligent control system	√	
7-inch medical-grade HD touchscreen	√	
Nano-scale toughened glass touch panel	√	
5-in-1 Multifunctional storage box	√	
5*3 configurable memory positions	√	
Stainless steel handle 3-way syringe	√	
Stainless steel spiral handpiece tubing	√	
Rolight E 8-bead LED dental light	√	
RS-07 Dental professional dentist stool	√	
24V X-ray viewer	√	
Built-in scaler		△
Built-in micro motor		△
Built-in curing light		△
Intraoral camera		△