



B100

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B100
Precisely operation



TO CREATE A MODERN HIGH-END CLINIC

Successfully develop dental unit tailored to the market, with certification of innovative enterprise and intellectual property rights, relying on technological innovation, obtaining competitive advantages in the market for sustainable development.

**Designed for
modern high-end dental clinics**

Adhering to the design philosophy of "Less is More", MIPONT emphasizes the combination of elegant design and medical needs, infusing products with innovative designs tailored for modern high-end dental clinics, with strong insight of user needs and market needs.

B100 Premium

*The Perfect Solution
for Premium Dental Practice*



Precise control with a light touch

- 7-Inch HD Full-Color Touchscreen
- 24 Position Memory
- Timer
- 10+ Startup Self-Checks
- Backrest Speed Setting
- Emergency Position
- Instrument Holders Setting
- Water Temperature Setting
- Water Supply Setting
- Foot-pedal Two Key Setting

360° Monitoring

- Sterilization Instrument Tracking Alert
- Maintenance Reminder
- System Fault Alert
- Disinfection Progress
- Cup Water Temperature
- Tray Water Temperature

Smart Data Hub

- Operational Hours & Sessions
- Treatment Time & Procedures
- Sterilization Cycles & Logs

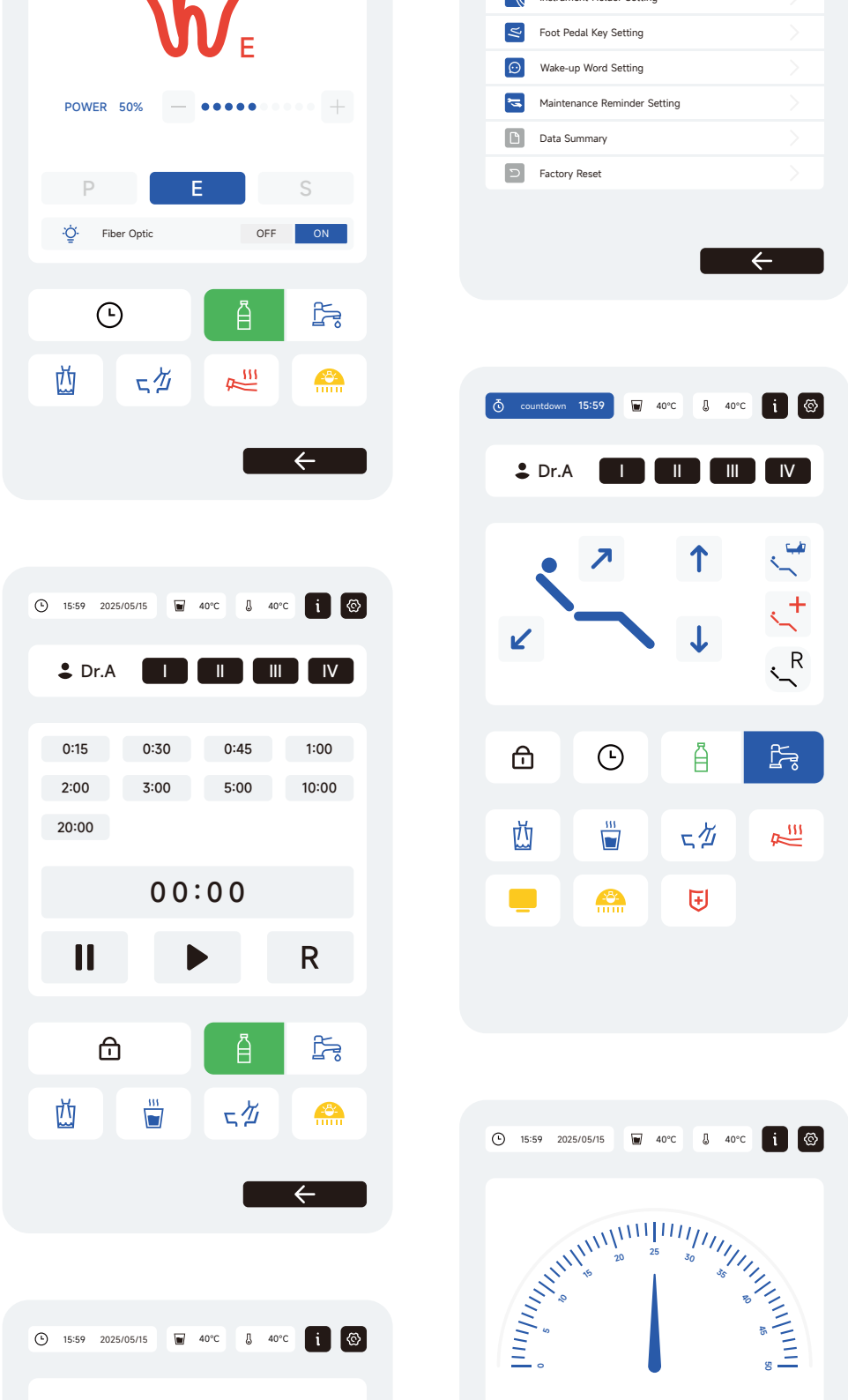
Voice-Activated for operation:

“Turn on the light” → The light will be on

“Start rinse” → It will start to rinse

“Turn off cup filling” → It will turn off cup filling

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INTEGRATING EVERYTHING

Handpiece, Electric Motor, Scaler — All Controlled on One Screen
Turn on light, control speed, change modes — All right here

M3+ Digital Integration System

Handpiece. Fiber optic on/off on the panel. Real-time RPM display.

Electric motor. Real-time digital display for current speed (RPM). Smooth RPM adjustment from 100–200,000 RPM.

4 Sets Working Mode Setting: Speed ratio RPM Rotate direction Light on/off

6 Speed Ratios: 1 : 1 1 : 5 2 : 1 4 : 1 8 : 1 16 : 1

Scaler. Three modes with power adjustment: Supragingival Scaling (10~100) % Subgingival Scaling (10~40) % Endo irrigation (10~50) %



- Unified Device
- Centralized Command
- Smart memory
- Streamlined Reliability



One touch just fine.



Fully Disinfection. Covers all treatment waterlines to eliminate cross-Infection. Checks instrument before disinfection and alerts if missing.



Fully digital record. The disinfection log records the entire process of disinfection time, mode and status, and generates reports instantly. Support SD card export data backup.



safe + Disinfection System

Auto

Fully automatic. The auto-resume system works automatically if power supply is accidentally cut. 30 minutes after a deep-disinfection completed, the water-air-electricity cuts automatically.



Three-Mode Disinfection Solution

Rinse mode for 2 min

Morning/Daily Startup Cleaning: Before first patient or between patients

Standard disinfection for 9 min

Midday/Between Patient Cleaning: Complete disinfection during breaks

Deep disinfection for 25 min

End-of-day Sterilization: Through cleaning after daily operations

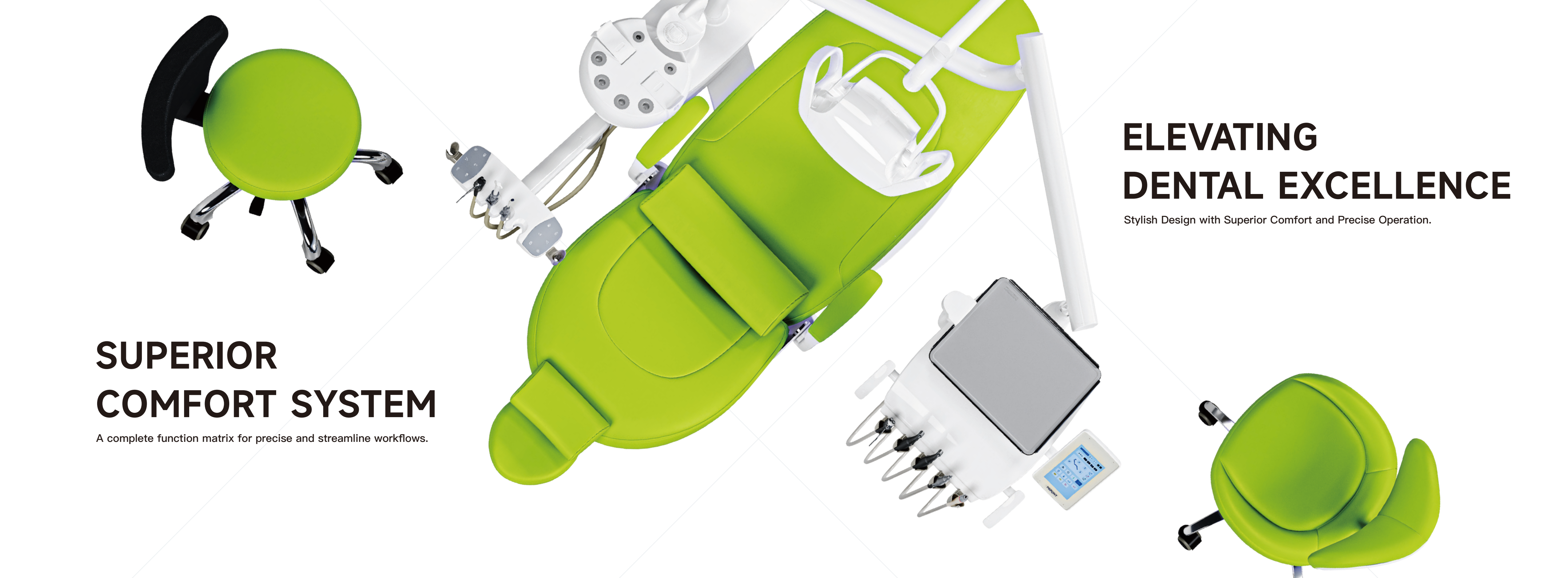
Instrument tracking alert

Auto-resume

Eco-Smart Efficiency

Disinfection log

Data download



SUPERIOR COMFORT SYSTEM

A complete function matrix for precise and streamline workflows.

ELEVATING DENTAL EXCELLENCE

Stylish Design with Superior Comfort and Precise Operation.

WHOLE BODY SUPPORT

Skin-gentle Texture Silicone Leather. Highly compatible with daily disinfection and long-term use. Mold-proof, moisture-proof, stain-resistant, antibacterial.

Premium-Soft Memory Foam. Extremely-soft, gentle support, relieve from pressure. A full-body support system well adapting to various body shapes.



Tri-Point sliding rail

Dual anti-collision

Precision cast

Trendelenburg

Smooth motion

3 adjustable backrest speeds

45mm Ultra-Thin Backrest. Providing fully support for the back and shoulders, more comfortable for patients. More space for dentists, reducing the strain from long-term same posture.

30 degree horizontal rotation on two sides. Patient Chair with 30 degree left-right rotation. Effortless rotation for optimal access and positioning.

A FELLING OF MOTIONLESS EASE

No pushing-back. Chair rotates in alignment with the patient. The seat and backrest move in perfect sync.



ADJUSTABLE FOR EASY USE

Adjustable Assistant Tray

*Easy adjusts the height & angle to match different procedures and different nurses for easy instrument access.
Delayed suction shut-off. Ensures all liquid is cleared from suction pipes, reducing the risk of cross-infection.*

8-bead light

*Soft lighting, reduces direct eye strain for patients.
Dual-Mode Control, switch seamlessly by sensor operation or manual.
Over 100,000 times cycles test, built for years of daily clinical use.
Adjustable brightness from 8000 to 20000 Lux.
3 light modes included. Full oral coverage with even light distribution.*



DEFINE YOUR OWN WAY

Compact Size has Intelligent Core. Featuring the M-Smart control system and a vivid 7 inch touch display, the lightweight tray provides you easy and fluid operation. So you can focus on the procedures, not distracted by the equipment.

7-inch HD touch screen for and quick navigation

M-Smart control system that streamlines workflow

30% more compact than traditional trays

Ergonomic layout for higher efficiency

Chair-instrument locking system for more safety

Instruments locking system for safety during procedure

Rotatable sensor instrument holder for easy-access

Rotatable large instrument tray with easy-access positioning



B100 Ultra



DESIGN FOR EVERY DENTIST

1 Min Quick Switch. Smart mechanical design, switching operation can be completed in 1 minute.
Smooth and seamless left-right change. Made for every dentist.

Fits every dentist and any modern clinic. Compact and stylish design without side box.
Fits seamlessly into any clinic room layout.



left-handed



right-handed



NO LIMIT FOR LEFT AND RIGHT

Fluid operation for both left- and right-hand doctor. A chair designed for all users. Lets doctors focus on treatment, providing smooth, natural operation for the best patient care.

Balanced and Symmetrical design. Structure, weight, and layout balanced design. Same operation, same stability, same response on both sides.

B100 Galaxy

Powered by Strong Hydraulic System

Strong and gentle always

A system designed to lift with confidence.

150 kg capacity provides steady, reliable performance even with larger patients.

Cast Steel Body forms a precise, vibration resistant foundation for smooth operation.

Hydraulic-Core Drive delivers consistent power without strain.



Built to Last, Designed to Perform

Sealed Oil Cylinder System maintains efficiency over time.

Low Friction Design extends service life while preserving responsive, quiet performance.

Durability by Engineering ensures reliable operation in clinic.



Colors



Configuration

● Standard ○ Optional ✕ Not available

		Premium	Ultra	Galaxy
Control System	M3+ Digital Integrated System. Smart Voice Control.	●	●	●
Infection Control	Safe+ Disinfection System.	●	✕	✕
Comfort System	Cloud–touch silicone upholstery.	●	●	●
	Soft start/stop. Synchronized chair system. Chair anti–collision system.	●	●	●
	Taiwan Timotion Motor. Backrest Anti–Collision.	●	●	✕
	Cast Steel Components. Chair 30 dagree left–right rotation.	●	●	●
	3 adjustable backrest speed.	●	●	✕
Left/Right–Handed	Flexible Left/Right–handed.	✕	●	●
Hydraulic System	Powerful hydraulic drive.	✕	✕	●
Main Tray	7–inch full–color HD touch screen. 6×4 memory positions.	●	●	●
	System self–check. System fault alert.	●	●	●
	Adjustable water heater. Independent water control for handpieces.	●	●	●
	5 rotatable (replaceable) handpiece holders. Additional rotatable instrument tray.	●	●	●
	Instrument tray with optical–sensor. One–touch smart control for water, air and electricity.	●	●	●
	Chair–Instrument interlock & Instrument interlock.	●	●	●
	Timer, maintenance reminders.	●	●	●
Assistant tray	Height and angle adjustable.	●	✕	✕
	Touch control. Optical–sensor for suction.	●	●	●
	Adjustable suction. Detachable holder cover.	●	●	●

		Premium	Ultra	Galaxy
Side box	90 degree rotatable.	●	✕	✕
	Adjustable water heater.	●	●	●
	Imported SMC solenoid valve.	●	●	●
	Without corrugated tube.	●	●	●
Floor box	Rotatable & removable ceramic cuspidor.	●	●	✕
	Built–in floor box.	●	●	●
	Voltage Stabilizer & Filter.	●	●	●
	Double water filter.	●	●	●
Foot Pedal	Water pressure regulator with filter.	●	●	●
	Multi–function pedal.	●	●	●
	2 keys setting.	●	●	✕
Dentist stool	Luxury dentist stool.	●	●	●
	Assistant stool (with foot ring).	●	●	●
Dental Light	8–bulbs with 3 light modes.	●	●	●
Optional	Built–in electric motor.	○	○	○
	Built–in ultrasonic scaler.	○	○	○
	Top–mounted tray.	○	○	○
	12 blubs LED Galaxy light.	○	○	○
	Wireless foot control.	○	○	○