



TriGroup

DENTAL MATERIALS AND EQUIPMENTS

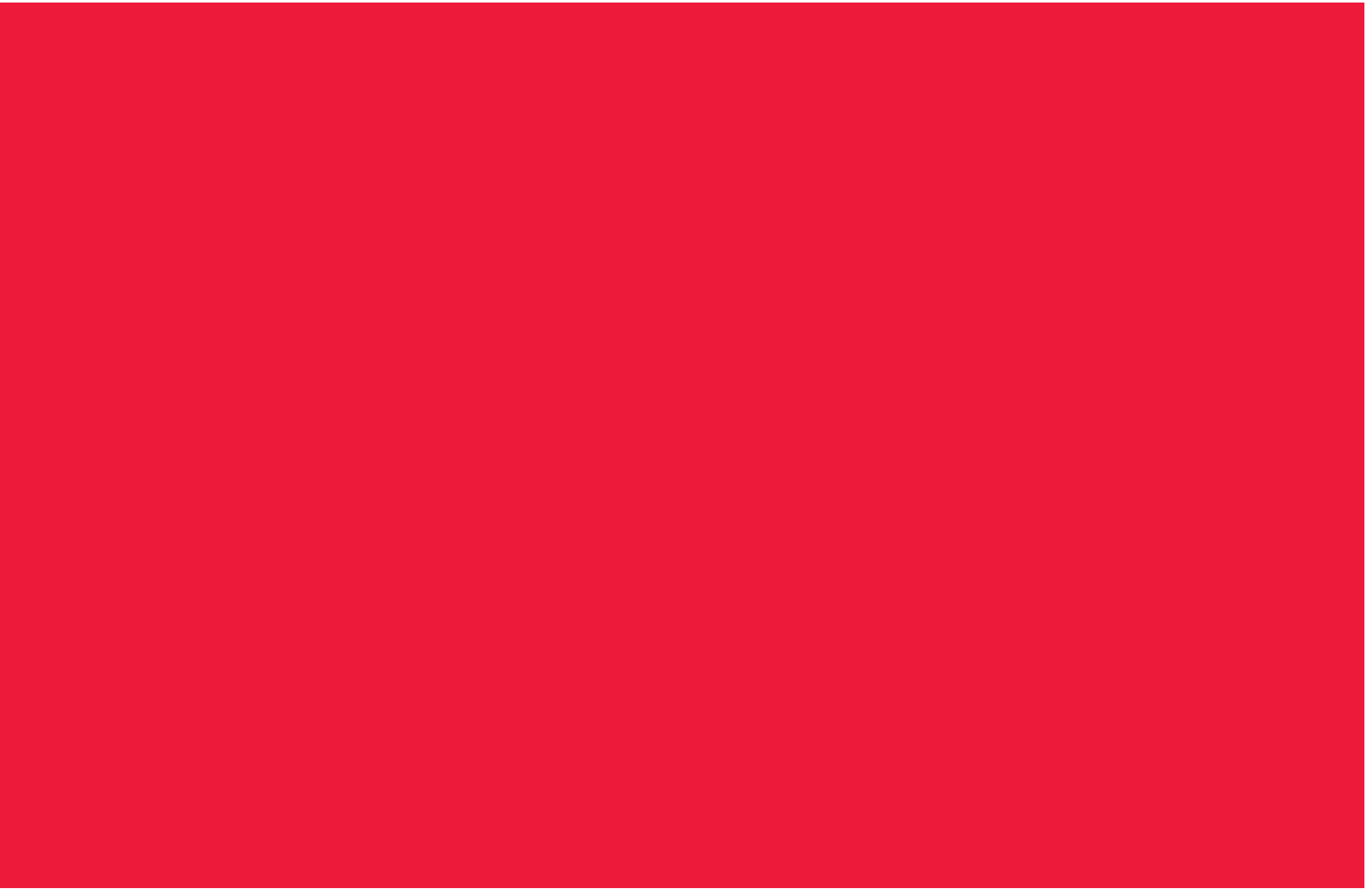




has been established since 2001 and now it's one of the largest privately owned full-service corporation providing dental professionals with all dental equipment , dental supplies , dental consulting services & dental equipment maintenance services with four showrooms in EL-Kasr EL-Einy & Nasr City serving over 20,000 dental professionals .

Here at Trigroup , we are dedicated to ensure " customer satisfaction " because our mission is to offer excellent healthcare for both the dentists & the end customers and to facilitate our dental professionals` lives by offering all dental equipment & dental supplies related services in our lives







Dental Units



RN-A5

Standard specifications:

- | | |
|---|-------|
| • Low –mounted instrument tray | 1 Set |
| • -4hole headpiece tubing | 3 Set |
| • Dental chair pu leather | |
| • Safety stop | |
| • Removable Glass spittoon | 1 Set |
| • Operating led light with sensor | 1 Set |
| • 24 v x-ray film viewer | 1 Set |
| • High and low saliva ejector | 1 Set |
| • -3way syringe | 2 Set |
| • Foot control(with self –lock function) | 1 Set |
| • Water tank | 1 Set |
| • Built out junction box | 1 Set |
| • Water and air tubes made in USA | |
| • Water heater | 1 Set |
| • Glass shelf | 1 Set |
| • Adjustable head rest | |
| • Motor chair control system with 3 memory programs | 1 Set |
| • Auto spitton flush and cup filler control system | |
| • Synchronization movement | |

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa0.4-mpa
- Air pressure :0.5mpa0.8-mpa

RN-A5





Dental Units



RN-B2

Standard specifications:

• Low -mounted instrument tray	1 Set
• 4-hole headpiece tubing	3 Set
• Removable instrument tray	1 Set
• Dental chair pu leather	
• Safety stop	
• Removable Glass spittoon	1 Set
• Tunable high -grade led light with sensor	1 Set
• 24 v x-ray film viewer	1 Set
• High and low saliva ejector	1 Set
• 3-way syringe	2 Set
• Multifunction Foot control (with self -lock function)	1 Set
• Water tank	1 Set
• Water and air tubes made in USA	1 Set
• Water heater	
• Adjustable head rest	1 Set
• Auto spitton flush and cup filler control system	1 Set
• Panoramic x-ray viewer	
• Synchronization movement	
• 9 memory programs	1 Set

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa-0.4mpa
- Air pressure :0.5mpa-0.8mpa

RN-B2





Dental Units



RN-C3

Standard specifications:

- | | |
|---|-------|
| • Low –mounted instrument tray | 1 Set |
| • 4-hole headpiece tubing | 3 Set |
| • 9 memory programs | |
| • Dental chair pu leather | |
| • Safety stop | |
| • Removable Glass spittoon | 1 Set |
| • Tunable high –grade led light with sensor | 1 Set |
| • 24 v x-ray film viewer | 1 Set |
| • High and low saliva ejector | 1 Set |
| • 3-way syringe | 2 Set |
| • Multifunction Foot control
(with self –lock function) | 1 Set |
| • Water tank | 1 Set |
| • Built out junction box | 1 Set |
| • Water and air tubes made in USA | |
| • Water heater | 1 Set |
| • Adjustable head rest | 1 Set |
| • Auto spitton flush and cup filler control system | |
| • Synchronization movement | |

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa-0.4mpa
- Air pressure :0.5mpa-0.8mpa

RN-C3





Dental Units



RN-C2

Standard specifications:

- | | |
|---|-------|
| • Low –mounted instrument tray | 1 Set |
| • –4hole headpiece tubing | 3 Set |
| • Dental chair pu leather | |
| • Safety stop | |
| • Removable Glass spittoon | 1 Set |
| • Operating led light with sensor | 1 Set |
| • 24 v x-ray film viewer | 1 Set |
| • High and low saliva ejector | 1 Set |
| • –3way syringe | 2 Set |
| • Foot control | 1 Set |
| (with self –lock function) | |
| • Water tank | 1 Set |
| • Built out junction box | 1 Set |
| • Water and air tubes made in USA | |
| • Glass Shelf | 1 Set |
| • Water heater | 1 Set |
| • Adjustable head rest | 1 Set |
| • Motor chair control system with 3 memory programs | 1 Set |
| • Auto spittoon flush and cup filler control system | |
| • Synchronization movement | |

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa0.4-mpa
- Air pressure :0.5mpa0.8-mpa

RN-C2





Dental Units



RN-C1

Standard specifications:

- | | |
|---|-------|
| • Low –mounted instrument tray | 1 Set |
| • –4hole headpiece tubing | 3 Set |
| • Dental chair pu leather | |
| • Safety stop | 1 Set |
| • Removable Glass spittoon | 1 Set |
| • Tunable high –grade led light with sensor | 1 Set |
| • 24 v x-ray film viewer | 1 Set |
| • High and low saliva ejector | 2 Set |
| • –3way syringe | 1 Set |
| • Multifunction Foot control
(with self –lock function) | 1 Set |
| • Water tank | 1 Set |
| • Built out junction box | |
| • Water and air tubes made in USA | |
| • Water heater | |
| • Adjustable head rest | 1 Set |
| • memory programs | |
| • Auto spitton flush and cup filler control system | 1 Set |
| • Synchronization movement | 1 Set |

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa0.4-mpa
- Air pressure :0.5mpa0.8-mpa

RN-C1





Dental Units



RN-6800





Dental Units



RN-V1





Dental Units



More convenient operation

Equipped with professional doctor's chair.
Rotatable main box, providing more operating space for nurses.

- Assistant tray
9-Keys multi-functional assistant control panel, More convenient four-hand operation.

Instrument tray

Humanized design

Large holding space, 13 keys multi-functional control panel.

Comfort control

Easy to control the dental light, the reset of treatment position, spitting position, and emergency chair position, improving treatment efficiency.

RN-V1



MORE COMFORTABLE

Ultimate skin-friendly experience

PU leather cushion

Durable seamless PU leather cushion

Comfortable backrest

One-piece metal backrest brings calm and support.
No obstruction to the doctor's legs, free access to the patient.

Curved headrest

Curvilinear curvature to fit the head.

Adjustable multi-joint angle for one-handed operation and easy positioning.

Luxury dental chair

Recessed luxury chair surface. Made of high-quality high-density shaped cotton, not tired after sitting for a long time

- Waist support backrest
Fits the waist curve and provides firm support.



Dental Units



RN-A2

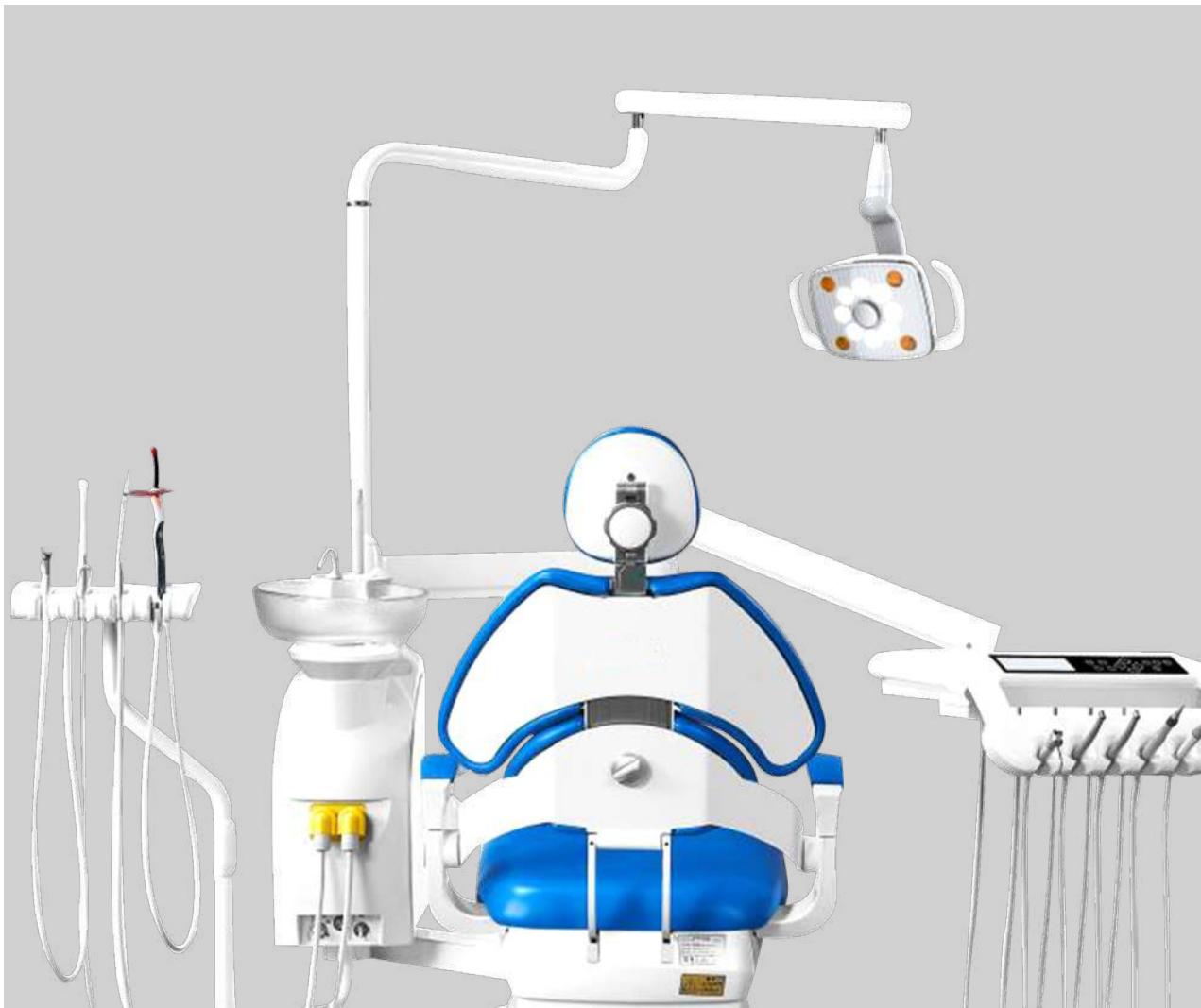


RN-A2





Dental Units



RN-3600 UPGRADE

Standard specifications:

- | | |
|---|-------|
| • Low –mounted instrument tray | 1 Set |
| • 4-hole headpiece tubing | 3 Set |
| • Dental chair pu leather | |
| • Safety stop | 1 Set |
| • Operating led light | 1 Set |
| • 24 v x-ray film viewer | 1 Set |
| • High and low saliva ejector | 2 Set |
| • 3-way syringe 2 sets | 1 Set |
| • Foot control(with self –lock function) | 1 Set |
| • Water tank | 1 Set |
| • Built out junction box | |
| • Water and air tubes made n USA | |
| • Water heater | |
| • Adjustable head rest | |
| • Auto spitton flush and cup
filler control system | |

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa-0.4mpa
- Air pressure :0.5mpa-0.8mpa

RN-3600 UPGRADE





Dental Units



RN-3600 Plus

Standard specifications:

- Low –mounted instrument tray
- 4-hole headpiece tubing
- Dental chair pu leather
- Safety stop
- Operating led light
- 24 v x-ray film viewer
- High and low saliva ejector
- 3-way syringe 2 sets
- Foot control(with self –lock function)
- Water tank
- Built out junction box
- Water and air tubes made in USA
- Water heater
- Adjustable head rest
- Auto spitton flush and cup filler control system

1 Set
3 Set

1 Set
1 Set
1 Set
2 Set
1 Set
1 Set
1 Set

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa-0.4mpa
- Air pressure :0.5mpa-0.8mpa



Dental Units



RN-3600

Standard specifications:

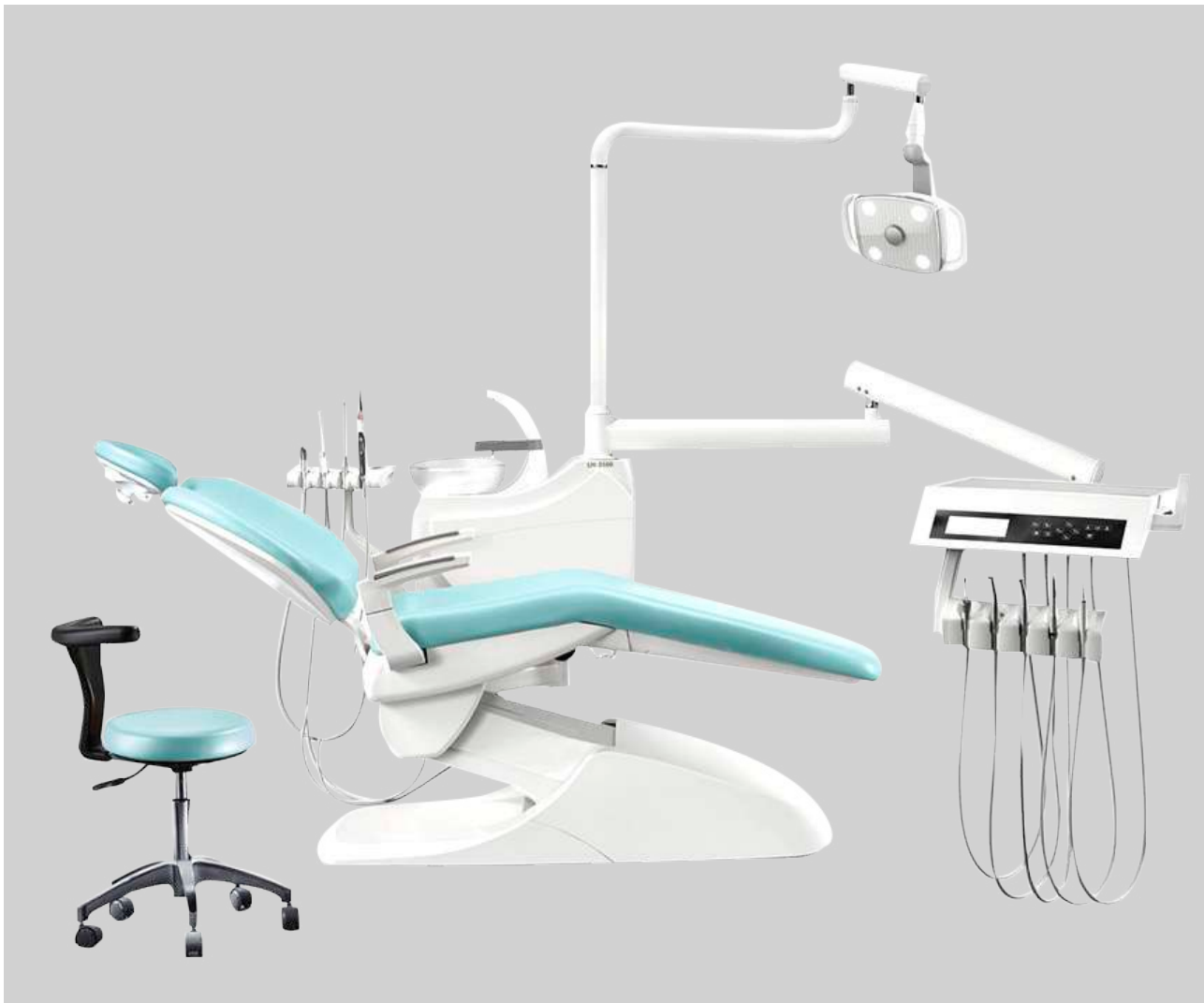
- Low –mounted instrument tray 1 Set
- 4-hole headpiece tubing 3 Set
- Dental chair pu leather
- Safety stop
- Operating led light 1 Set
- 24 v x-ray film viewer 1 Set
- High and low saliva ejector 1 Set
- 3-way syringe 2 sets 2 Set
- Foot control(with self –lock function) 1 Set
- Water tank 1 Set
- Built out junction box 1 Set
- Water and air tubes made in USA
- Water heater
- Adjustable head rest
- Auto spitton flush and cup filler control system

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa-0.4mpa
- Air pressure :0.5mpa-0.8mpa



Dental Units



RN-3500

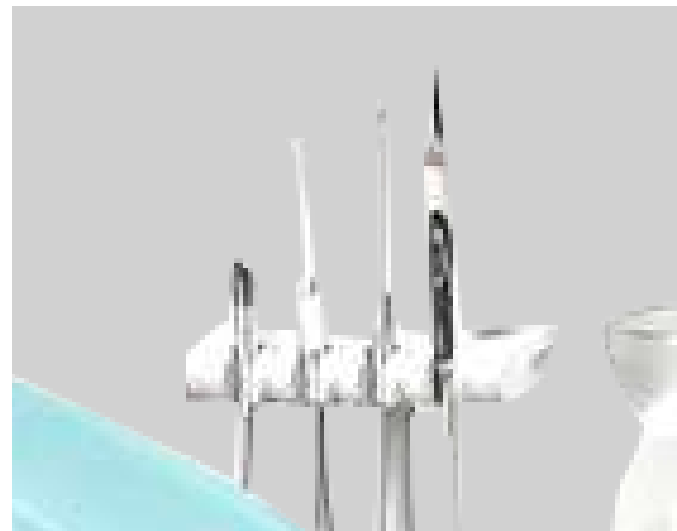
Standard specifications:

- | | |
|--|-------|
| • Low –mounted instrument tray | 1 Set |
| • 4-hole headpiece tubing | 3 Set |
| • Dental chair pu leather | |
| • Safety stop | |
| • Removable Glass spittoon | 1 Set |
| • Operating led light | 1 Set |
| • 24 v x-ray film viewer | 1 Set |
| • High and low saliva ejector | 1 Set |
| • 3-way syringe 2 sets | 2 Set |
| • Foot control(with self –lock function) | 1 Set |
| • Water tank | 1 Set |
| • Built out junction box | 1 Set |
| • Water and air tubes made in USA | |
| • Water heater | |
| • Adjustable head rest | |
| • Auto spitton flush and cup filler control system | |

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa-0.4mpa
- Air pressure :0.5mpa-0.8mpa

RN-3500







Dental Units

Lovage Medica



Standard specifications:

- Low –mounted instrument tray 1 Set
- 4-hole headpiece tubing 3 Set
- Dental chair pu leather
- Safety stop
- Removable Ceramic spittoon 1 Set
- Operating Halogen light 1 Set
- 24 v x-ray film viewer 1 Set
- High and low saliva ejector 1 Set
- 3-way syringe 2 sets 2 Set
- Foot control(with self –lock function) 1 Set
- Water tank 1 Set
- Built out junction box 1 Set
- Water heater
- Adjustable head rest
- Auto spitton flush and cup
- filler control system

Technical specifications :

- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa-0.4mpa
- Air pressure :0.5mpa-0.8mpa



Lovage M

QL-2020



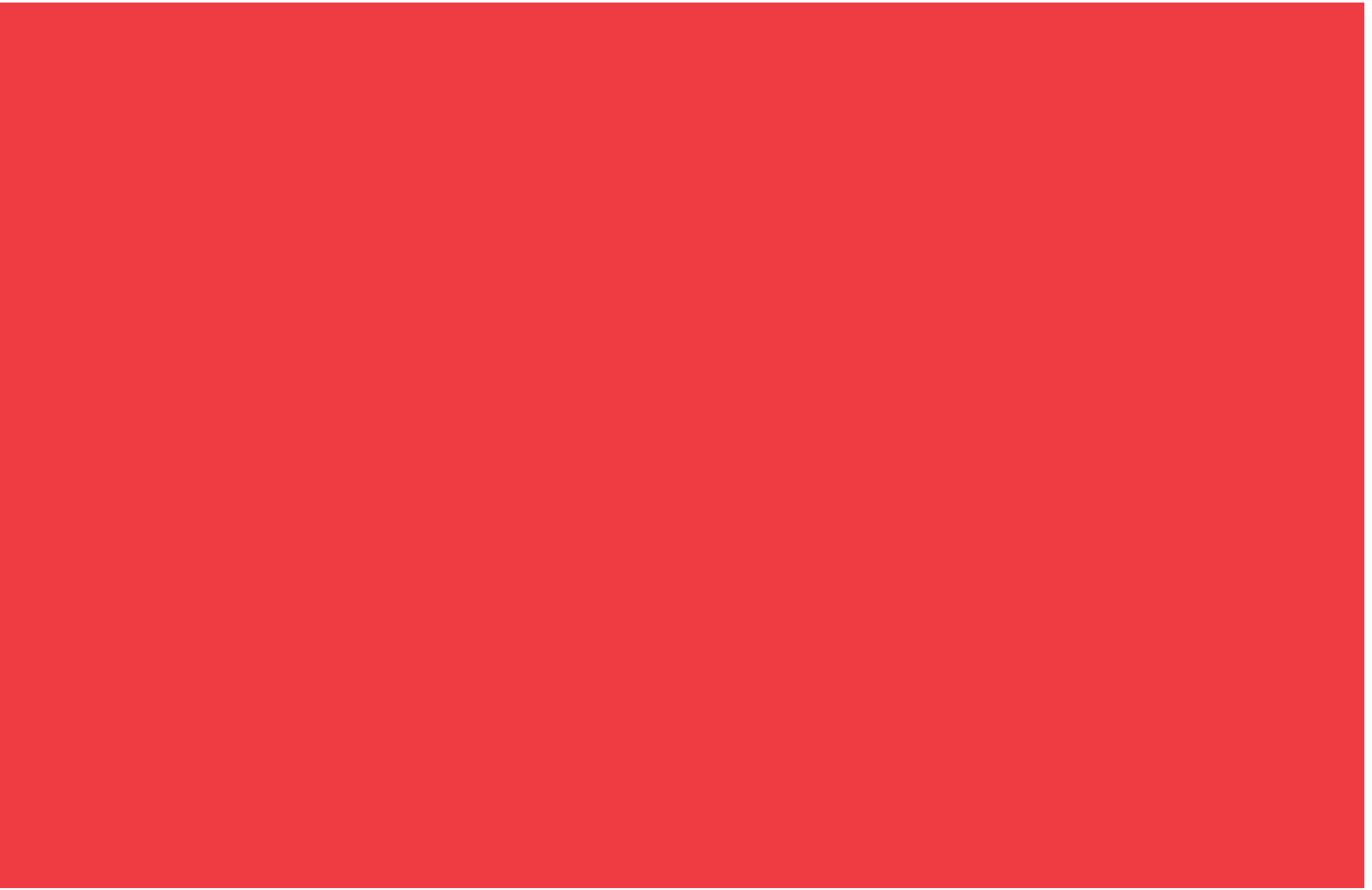


Lovage M

3300



icanCLAVE



icanCLAVE

Autoclaves

Precision and Efficient

ICANCLAVE Series-D sterilizers are pre and post vacuum autoclaves for sterilization of wrapped materials, unwrapped materials, hollow instruments, solid instruments, porous loads, textile and liquids. High precision computerized control systems for efficient sterilization results. It is the idea of sterilization solution for any medial, dental, healthcare, laboratory and so on.

High Performance

High precision control system for perfect sterilization result.

Powerful vacuum pump resulting in perfect class B sterilization cycles.

A built-in independent steam generator provides readily available steam for faster cycles.

Simple Operating

Full automatic table top autoclaves with pre-programmed sterilization cycles.

Easy to use LCD screen. Detailed cycle data and autoclave status displayed.

Friendly interface allowing the user to easily browse programs or set the autoclave.

Multiple languages can be selected in the operating system.

Open type water tank, easily to feed water and clean.

Safety

Double door protection system prevents the cycle from starting if the door is not correctly locked. This system also prevents the door from opening if the pressure inside the chamber is not equal to atmospheric pressure outside the chamber.

Pressure safety valve prevents over pressure in the chamber and steam generator.

The power is automatically cut if a short circuit or electrical fault occurs.

Able to detect and identify the exact cause of any problem, and to issue a specific error code to the operator.

Water level main switch in the main tank controlling the min and max water level.

Documentation

USB port & USB stick: all cycle program information in multiple languages are automatically written in the USB stick and can be read directly in any PC.

Internal memory: the last 20 cycles information can be automatically stored in the autoclave system, which can be printed out at any time.

Technical Parameters

Order Code	Model Number	Type	Power	Chamber Dimensions	Weight
D418	STE-18-D	Class B	2000W/220V	φ247x350mm	47kgs
D423	STE-23-D	Class B	2000W/220V	φ247x450mm	53kgs

Overall Dimensions

Order Code	Width (W)	Height(H)	Deep(D)
D418	490mm	455mm	600mm
D423	490mm	455mm	690mm

Default Program

Program	Temperature	Pressure	Holding Time (min)	Total Time(min)
HELIX Test	134°C	210kpa	3.5	10-20 11-23 13-25 16-30
Vacuum Test	/	/	/	17-20 18-21 19-22 20-25

iconCLAVE

Autoclaves



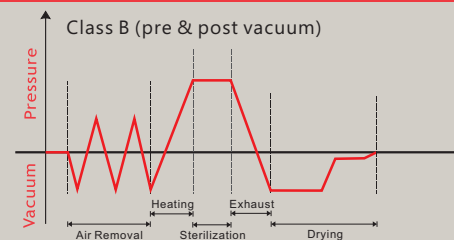
Class D

Product Feature

Main Feature:

1. Fully automatic benchtop autoclave with pre set programs
2. Complies with European standard EN 13060 (Class B only)
3. In built independent rapid steam generator ensures quick sterilization cycles.
4. Rapid post sterilization vacuum drying.
5. User friendly interface.
6. LCD screen displaying time, temperature and pressure, process alert and instrument conditions.
7. Choice of language settings including: English, Spanish, German and Chinese.
8. Easily accessible watertank.
9. Liquid sterilization program optional.

Graphic of working cycle



Model	STE-18-C	STE-23-C
Volume	18 litre	23 litre
Chamber size	Ø247×350mm	Ø247×450mm
Power	2200w	2200w
Net weight	47kgs	51kgs



LCD displaying



Stainless steel chamber and trays



Vacuum pump



Independent Steam generator



Water tank



Double locking device



Operation panel



E618/E623
Easy Class B
Steam Sterilizer

About ICANCLAVE E type B sterilizer

B class

ICANCLAVE mode E6 is a Class B steam sterilizer which compliance European EN13060 standard. E6 has two sizes which is the most simple and cost-effective class B autoclaves among the ICANCLAVE family. It is a full automatically steam sterilizer that can not only achieve complete sterilization of various instruments wrapped and unwrapped, but also meet the lower budget requirements of some clinics.



Reliability and safety

Full compliance with European small steam sterilizer standard and certified quality. Ensure a completed safety sterilization result.



For any load type

Class B steam sterilizer can be used to sterilize any load, such as the instruments of hollow, porous or solid.



Efficiency

Equipped with an independent steam generator, it can quickly generate saturated steam to achieve efficient sterilization.



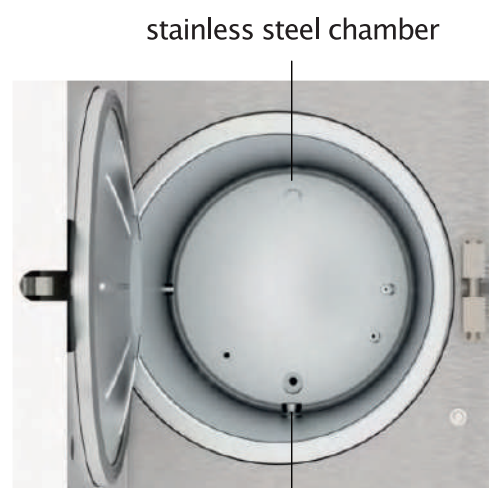
Multi Protection

Combined with mechanical and electronic dual security lock systems as well as pressure & temperature overload protection system to ensure safety.



Data export

Standard equipped with an internal memory able to store +10000 cycles, and the cycle reports can be automatically saved via the USB driver.



draining connector for used water tank

draining connector for flash water tank

glass touch pad

Technical parameters

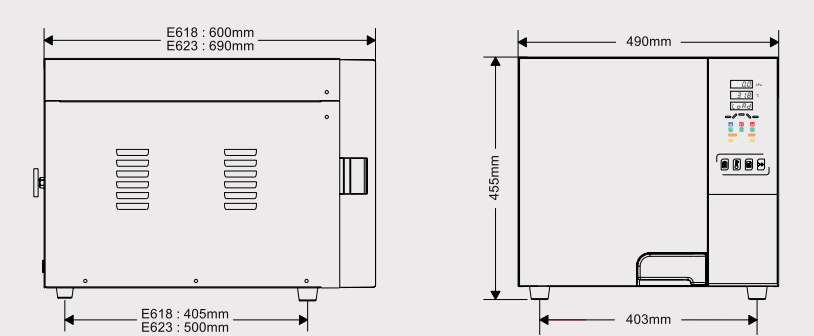
Order Code	Model	Voltage	Rated Power	Chamber Size	Weight
E618	STE-18-E	220V/110V	1750W	φ250x350mm	47kg
E623	STE-23-E	220V/110V	1750W	φ250x450mm	51kg

Sterilization Cycles

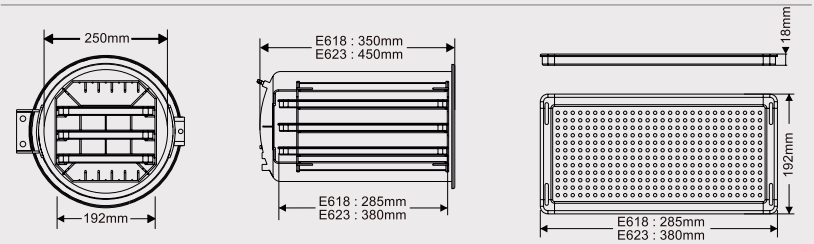
Program	Temp./Pressure	Steri. Time	(Total Time) E618/E623
Unwrapped134℃	210/℃134Kpa	4min	33–21min / 35–22min
wrapped134℃	210/℃134Kpa	4min	45–25min / 50–30min
wrapped121℃	110/℃121Kpa	20min	60–45min / 60–48min
Prion134℃	210/℃134Kpa	18min	60–40min / 65–46min
B&D/HELIX	210/℃134Kpa	3.5min	25–13min / 30–16min
Vacuum Test	/	/	22–19min / 25–20min

*The cycle time is based on the load and with/without pre-heating.
 *Drying time can be adjusted.

Overall Dimension (mm)



Rack & Trays Dimension (mm)





ORIX
MADE IN ITALY



ORIX
MADE IN ITALY

70 Orix New Edition



Electrical features		Tubehead features	
Power supply	230 V $\pm$ 10%	Total filtration	> 2 mm Al eq.
Frequency	50 Hz	Min. focus skin distance	200 mm
Current	5 A	Irradiated Area@ 200 mm	Ø 55 mm
X-ray tube features		Leakage @ 1 m	< 0,25 mGy/h
X-ray tube	CEI OCX 65 G	Radiological features	
Focal spot	0,7 mm	High voltage	70 kVp
Anode material	Tungsten	Anodic current	8 mA
Mechanical features		Exposure time	0,04 -2,00 s
Extension arm	500 - 900 mm	Duty cycle	1:60
Max. estension	1980 mm	Control logic	Deadman





ORIX
MADE IN ITALY

ORIX 70 New Edition DG



Electrical features		Tubehead features	
Power supply	230 V $\pm$ 10%	Total filtration	> 2 mm Al eq.
Frequency	50 Hz	Min. focus skin distance	200 mm
Current	6A	Irradiated Area@ 200 mm	Ø 55 mm
X-ray tube features		Leakage @ 1 m	< 0,25 mGy/h
X-ray tube	CEI OCX 65 G	Radiological features	
Focal spot	0,4 mm	High voltage	70 kVp
Anode material	Tungsten	Anodic current	8 mA
Mechanical features		Exposure time	0,04 -2,00 s
Extension arm	500 - 900 mm	Duty cycle	1:60
Max. estension	1980 mm	Control logic	Deadman





ORIX
MADE IN ITALY

Orix HF Advantage



Electrical features		Tubehead features	
Power supply	120-230 V $\pm$ 10%	Total filtration	> 2 mm Al eq.
Frequency	50/60 Hz	Min. focus skin distance	200 mm
Current	2,5 A (230 V~)	Irradiated Area@ 200 mm	Ø 55 mm
X-ray tube features		Leakage @ 1 m	< 0,25 mGy/h
X-ray tube	CEI OX 70/P	Radiological features	
Focal spot	0,7 mm	High voltage	60 -65 -70 kVp
Anode material	Tungsten	Anodic current	7 mA
Mechanical features		Exposure time	0,01 -2,00 s
Extension arm	500 - 900 mm	Duty cycle	1:60
Max. estension	1980 mm	Control logic	Dead man





ORIX
MADE IN ITALY

Orix HF Plus



Electrical features		Tubehead features	
Power supply	120-230 V $\pm$ 10%	Total filtration	> 2 mm Al eq.
Frequency	50/60 Hz	Min. focus skin distance	200 mm
Current	2,5 A (230 V~)	Irradiated Area@ 200 mm	Ø 55 mm
X-ray tube features		Leakage @ 1 m	< 0,25 mGy/h
X-ray tube	CEI OX 70/4	Radiological features	
Focal spot	0,4 mm	High voltage	60 -65 -70 kVp
Anode material	Tungsten	Anodic current	5 mA
Mechanical features		Exposure time	0,01 -2,00 s
Extension arm	500 - 900 mm	Duty cycle	1:60
Max. estension	1980 mm	Control logic	Dead man



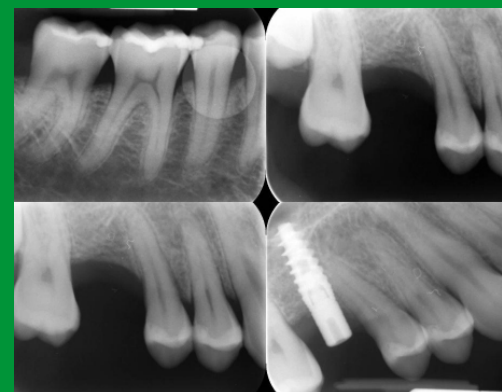


ORIX
MADE IN ITALY

x-ray sensor



Extremal dimensions	24,35 mm x 36,73 mm
Active area	600 mm ² (20 mm x 30 mm)
Pixel dimensions	19 µm
Theoretical resolution	26,3 pl/mm
Real resolution	>20 pl/mm
Number of pixels	1,6 megapixels (1050 x 1580)
Cable length	3 m



FUSSEN



IMAGING PLATE



PIODON



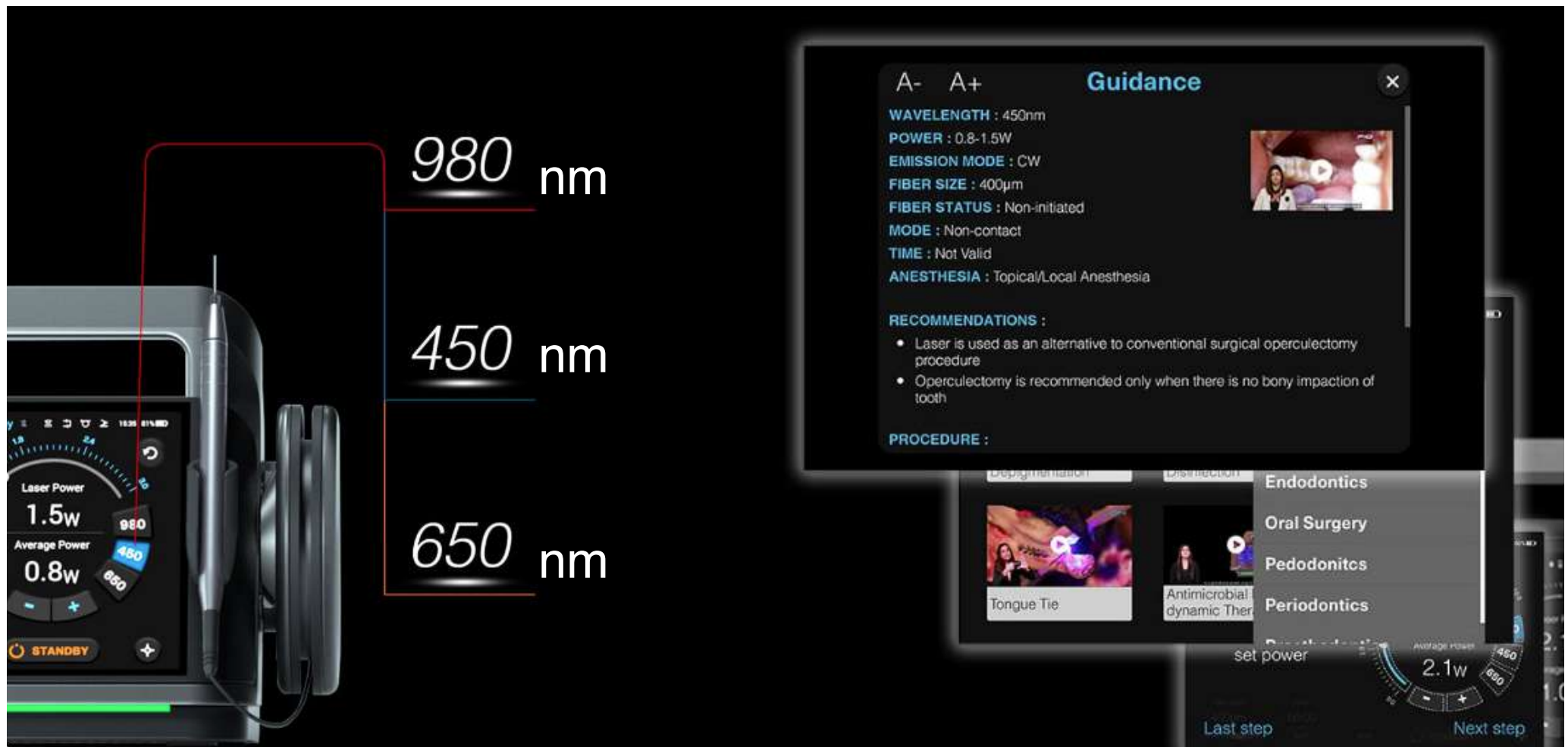


S3 Three-wavelength Dental Laser

*the S3 dental diode laser(980nm+650nm+450nm)
is becoming the most efficient and innovative dental
laser in the world!*

Clinical Teaching Video

*detailed clinical parameters for each preset and multiple
clinical instructional videos*



Smart chip

Multi-core cpu multi-threaded computing
Smart OS + AI + Human-laser Interaction

CPU

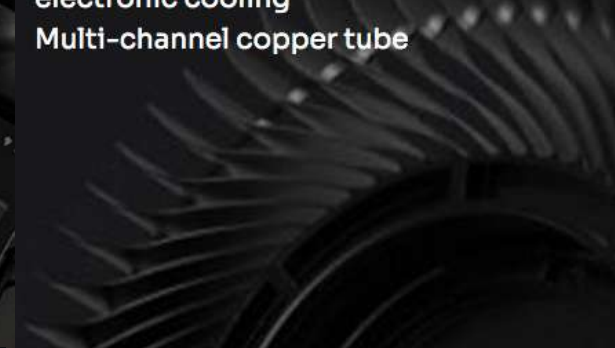
HD large screen

HDR 7-inch
PPI > 340
Retina touch display



Strong cooling

Double fan
electronic cooling
Multi-channel copper tube



Perfect design

Aluminum-magnesium alloy case
Weight $\leq$ 2KG NW
Dimensions 225mm*150mm*150mm



Laser Module

Micro-optical integrated laser diodes
20,000h durability



High capacity battery

3600mAh, 30min full power output



S3™ Blue With Innovated Design

"S3™ BLUE is designed to revamp the standards of dental surgery. This latest technology offers more range of benefits to both patients and dentists. It offers faster working time and an expanded horizon of dental treatment because of availability of multiple wavelengths in a single unit."

—PIGON TEAM



57 specific presets, 8 categories

Working with leading dental laser specialists around the world, we have summarized tens of thousands of clinical data and analyzed them to come up with a professional and systematic preset category.



- Prosthodontics
- Periodontics
- Aesthetic
- Implant
- Pedodontics
- LLLT/Photobiomodulation

TECHNICAL SPECIFICATIONS

Wavelength	450nm (+/- 20nm) + 650nm + 980nm / 810nm
Power	3W + 200mW + 7W / 6W
Operating Modes	Continuous Wave (CW) / Pulsed
Frequency	Upto 25KHz
Duty Cycle	Variable
Display	7" HD vivid Touch-Screen
Control Software	Smart OS
Fiber Connection	Medical fiber: 200µm, 300µm and 400µm with standard SMA905 connecto
Aiming Beam	Wavelength - 650nm, Power - < 2mW
Dimensions (L*W*H)	225mm * 150mm * 150mm
Weight	≤2KG NW
Battery Capacity	3350mAh
Power Supply	18VDC 5A

Pioon Laser Technology Co., Ltd.
3rd Floor, Zhiye Building, Great Wall Innovative Science Park, Wuhan, 430223, China
Tel: +86 27 81783687
sales@pioon.com
<http://www.pioon.com>

1 Device - 3 Wavelengths - 3 Best Rendition

450nm - Blue Light - Faster Cutting Efficiency and Coagulation (Hemostasis) at Very Low Power Settings. Least Collateral Thermal Damage.

650nm - Red Light - LLLT (Low Level Laser Therapy) / Photobiomodulation for Faster Wound Healing and Pain-free Dental Treatments.

810/980nm - Infrared - Deeper Penetration for remarkable Disinfection in Periodontal and Endodontic Diseases.

EAA





H1 Dental Diode Laser

The first Super-pulsed 980nm/20W dental laser in PIOON laser family

Perfect Design

*Aluminum-magnesium alloy case
Weight 2KG NW
Dimensions 225mm*150mm150mm*



Smart chip

Multi-core cpu multi-threaded computing
Smart OS + AI + Human-laser Interaction

CPU

HD large screen

HDR 7-inch

PPI > 340

Wide-Screen for Wider View



Laser Module

Micro-optical integrated laser diodes
20,000h durability



High capacity battery

3600mAh, 30min full power output



Strong cooling

Double fan

electronic cooling

Multi-channel copper tube



57 specific presets, 8 categories

Working with leading dental laser specialists around the world, we have summarized tens of thousands of clinical data and analyzed them to come up with a professional and systematic preset category.

- *Prosthodontics*
- *Periodontics*
- *Aesthetic*
- *Implant*
- *Pedodontics*
- *LLLT/Photobiomodulation*



Multi-Functional Handpiece

With the world's famous medical fiber, professional level optic transmission system, and precision technic system, making sure the long term reliability and consistent using of your laser machine



Biostimulation Handpiece

Low-level laser biostimulation can be applied in wound therapy to speed up the wound healing, prevent infection and relieve the pain



TMJ Therapy Handpiece

Relive the pain in Temporomandibular Joint Dysfunction Syndrome(TMD)



Whitening Handpiece

Whitening handpiece for teeth bleaching consist of whitening handpiece and bare fiber, contoured to treat an entire quadrant of teeth consistently and comfortably



PIODON

Laser System

Mercury Portable Dental Laser System

Think about adding a Mercury 3
dental laser to your patient

The quality of care you provide. UP

The types of procedures you can perform. UP

The profitability of your practice. UP

Operculectomy



Depigmentation



Troughing



Gingivoplasty



Ankyloglossia



Fibroma



Our core team has 15 years of laser manufacturing history, and we only focus on medical lasers.

We OEM for the world's top laser brands, complete thousands of units every year.

We are the only new-generation company who rise so sharply in such a short term.

3 years warranty for device, 5 years warranty for laser module. (freight cost included)

Complete accessories set equipped, due to our independent design, and R & D system.

Full range of accessories



Bare fibers



Disposable tips



Biostimulation handpiece
Whitening handpiece
TMJ handpiece

TECHNICAL SPECIFICATIONS

Wavelength	980nm / 810nm
Power	10 Watt / 7 Watt
Aiming Beam	650nm<5mW
Fiber Connection	Medical fiber: 200µm, 300µm and 400µm with standard SMA905 connector
Operating Modes	Continuous/Pulsed
Dimension	210* 160* 150mm
Weight	1.9kg







Dental Laser



THE BEST AFTER-SALES SERVICE

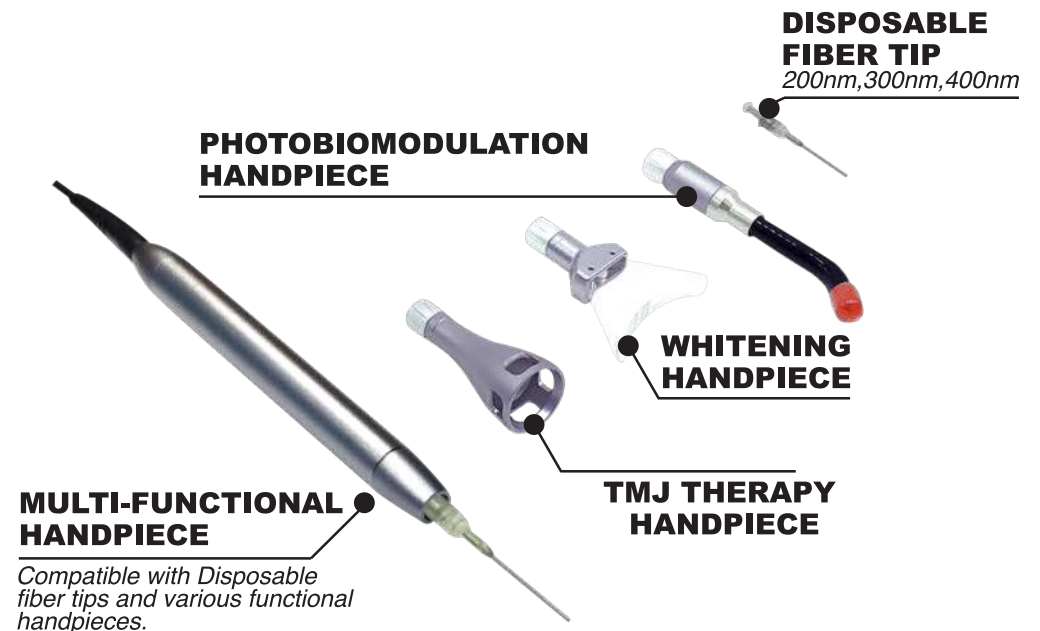
We promise that if you encounter a problem with your equipment we will respond to your problem within **24 hours** and come up with a solution for you.

Our company is a professional medical laser factory, providing a full range of diode laser solutions, from hardware to software, from machines to consumables.

Customize, OEM and **ODM** are welcomed

MULTITUDE OF APPLICATION WITH ACCESSORY HANDPIECES

Ergonomically Designed



BEST FIBER TECHNOLOGY

We have a hundred thousand class ultra-clean workshop and professional ethylene oxide sterilization system, can provide various specifications of medical fibers and handle accessories to meet your clinical needs.



Bare Fiber



Disposable Tips



Radial Tips

KEEPS YOUR SAFE DURING COVID-19

A dental drill produces quite a bit of splatter, but with the laser, the amount of **splatter** is reduced by about **90%**. And the 200°C at the Tip is enough to kill any viruses or harmful bacteria that might come into contact with it.



BEST OPERATION EXPERIENCE

Single key shuttle, easy to operate, fast and accurate

DENTAL LASER, DOES IT HAVE ANYTHING TO DO WITH YOU?



Bloodless soft tissue surgery. Avoid infections.

Faster recovery Laser energy cauterizes and seals capillaries, achieving hemostasis and preventing edema, which allows patients to have a faster recovery.

Excellent in Endodontic Laser treatment

As a popular adjuvant method, with LUNRAY's special fiber system, the laser can effectively eliminate bacteria in root canals, thus being able to increase the success rate in endodontic treatment.

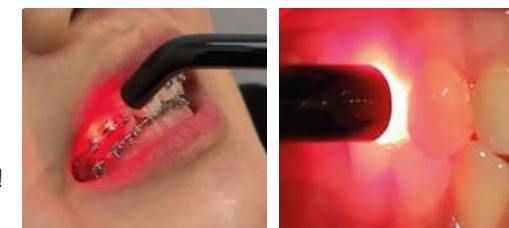


Periodontal treatment, this is where everything started

The dental laser was first invented for periodontal doctors 20 years ago. The soft and slender fiber can easily enter the bottom of the periodontal pocket to assist or replace flap surgery to complete pocket debridement. It is an indispensable tool to ensure the quality of surgery!

LLLT/Photobiomodulation, Drugs and surgery can't replace it

LLLT has miraculous effects in physical recovery. LUNRAY has prepared all treatments and Instructions for you. Contact us to get them!



Teeth whitening, painless and insensitive treatment completed within 1 minute

1 minute treatment, 5 minutes to complete the whole process, and won't cause tooth sensitivity.

BELZ Dental





INO200

Faster, Lighter Smaller

Faster Scan, Smaller Tips, Lighter Weight

Updating your scanning experience

30_s

For full arch scan

20*17_{mm}

Tips size

270_g

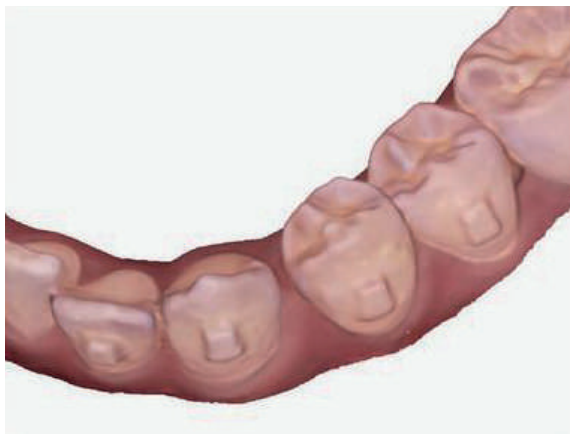
Light weight

Detachable Cable

Easy to maintain

23 mm Scan Depth

Amazing performance
for gap, margin, scanbody
and gingival contour.



Specification	INO200
Accuracy	10μm
Scan Depth	23mm
Weight	270g
Size	264mm*37mm*46mm
Tip Size	20mm*17mm
Wireless Scan	No
Cable Wireless Charge	No
Motion Control	Yes
A.I. Tech	Yes
Output Format	STL, PLY, OBJ
Power Supply	DC12V 2A
Light Source	LED
Interface	USB 3.0

Computer Configuration

Operating System	Windows 10 (-64bit)
CPU	Intel Core i8 5 Gen or above
Memory	16GB
Hard Disc	512G
GPU	NVIDIA GTX 6 1060GB DDR3
Resolution	1920X1080 60Hz
USB Port	USB 3.0



LED Handpiece 2.0



Zero-retraction system

Zero-retraction system, avoid impurities, blood and virus suck back into the cartridge when the hand piece stops working, which highly increase the service life of bearings.



Triple water spray

(Separate water from air)
Solve the problem that no water spray due to too much air pressure.



German bearing is adopted

Cooperate with the advanced German supplier which expertise in miniature bearing so as to prolong the life span of the hand piece .

Long life span

Adopted German miniature typical gasket with which provides a guarantee for the long service span of the hand piece.

Titanium coating body

Titanium material is more healthy and environmentally friendly than ordinary chrome coating.

Pretty Strong Cutting Power

JINME hand piece has a obvious advantage in cutting efficiency during the comparison test with similar products in the market.

Highly improve the efficiency of dentists' treatment and shorten the patient's operational procedure.

Never ever damaged LED

LED will not be dead after 135 degree sterilization.

Typical double sealed protection.

Add special metal material made protective casing to cover the sealed LED bead, meanwhile, cover the tip of protective casing with heat resisting transparent gels. The LED bead will %100 withstand the -135degree high temperature and pressure steam sterilization, thoroughly solve the industrial difficulties in the frequently damaged in LED durability.

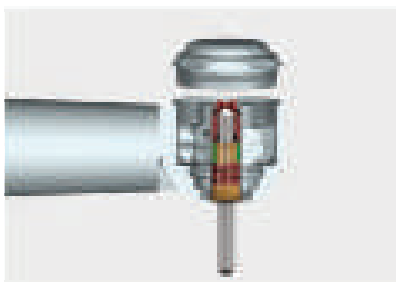


CONTRA YOUSI 45

- Surgical 45 Degrees Contra
- High Durable Fiber Optic
- High Torque



No bur fly out handpiece



The global unique patent technology, make sure no bur fly out

Automatic Locking push button spindle which researched and developed by ourselves, with built-in Precision Miniature Spring. The micro-spring exerts pretension force on the Chuck that the bur would be more and more tightly when the hand piece rotating in high speed, make sure no bur fly out in the process of Grinding

After more than 20,000 consecutive push tests, the clamping force of spindle just decreased by %2, and the life span can up to 3 years.

The dentist should most value the medical safety accident which caused by bur flying out Patent No. CN203263556U



Super torque cutting

no bur fly out hand piece has a obvious advantage in cutting efficiency in similar products test comparison that is greatly improve the efficiency of the dentist's treatment and shorten the patient's treatment time.



Comfortable grip feeling

Satisfy ergonomically designed, which eliminate tiredness caused by long hours of work





YOUSU L - KIT



CONTRA PUSH BUTTON
LOW SPEED



CONTRA KEY
LOW SPEED



CONTRA YOUSI
45 DEGREES



CONTRA YOUSI
HIGH SPEED

- *Pretty Strong Cutting Power*
- *Long life span*
- *Zero-retraction system*
- *Never ever damaged LED*
- *Triple water spray*
- *German bearing is adopted*
- *Attains rotation speed 330,000 to 420,000*



LUNX

- High Torque
- 22 Watt
- Triple Water Spray
- 2 Air Holes
- Push Button





LUNX 5:1
FIBEROPTIC



LUNX SURGICAL
45 DEGREES



LUNX
HIGH TORQUE



LUNX L-SPEED KIT



LUNX
HIGH TORQUE
FIBER OPTIC

ATTAINS SPEEDS OF
300,000 AT 25 PSI & 400,000 AT 30 PSI





GT-1



Intelligent Real-time Angulation System Enables More Accurate Images



Safety Lock Mode
Prevent Unexpected Exposure



7 Default Tooth Positions
with Preset Exposure Doses



Preset Parameter
Adult and Children Modes



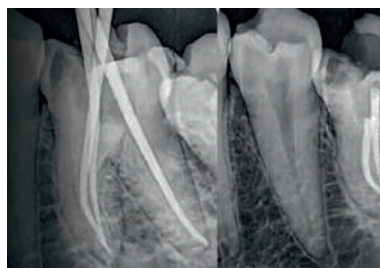
2500mAh High Capacity
Lithium Battery



Real-time Angulation Display

0.4MM FOCAL SPOT ENSURES High-Definition Images

Provide clearer dental films with details for various needs



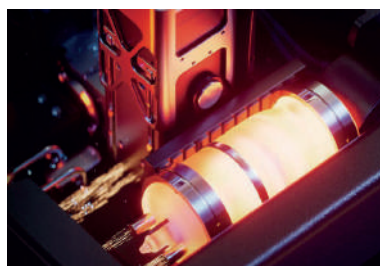
2500MAH LITHIUM BATTERY HIGH CAPACITY PROVIDES LONGER ENDURANCE

400 dentu can be token on one full charge



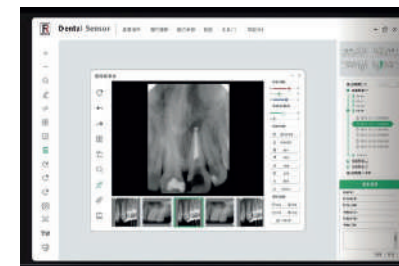
HIGH FREQUENCY BUT LOW RADIATION

Patented Xray Tube Tech & Duudile Leat Costing
Process
Ensure High and stable X ray



YOUR TRUSTED AID IN DIAGNOSIS

Easy-to-use, fine Imaging and quick exp
Your reliable and sold choice





PORTABLE X-RAY

Competitors

- Blurry image
- Difficult to distinguish



REFINE

- Clear image
- richness in detail
- Leading the domestic
- Equal to the international famous brands



Refine	
Tube voltage	60KV%5±
Tube current	2mA %5±
Ray focus	0.4mm
Inverter frequency	400kHz

CLEAR ROOT CANALS



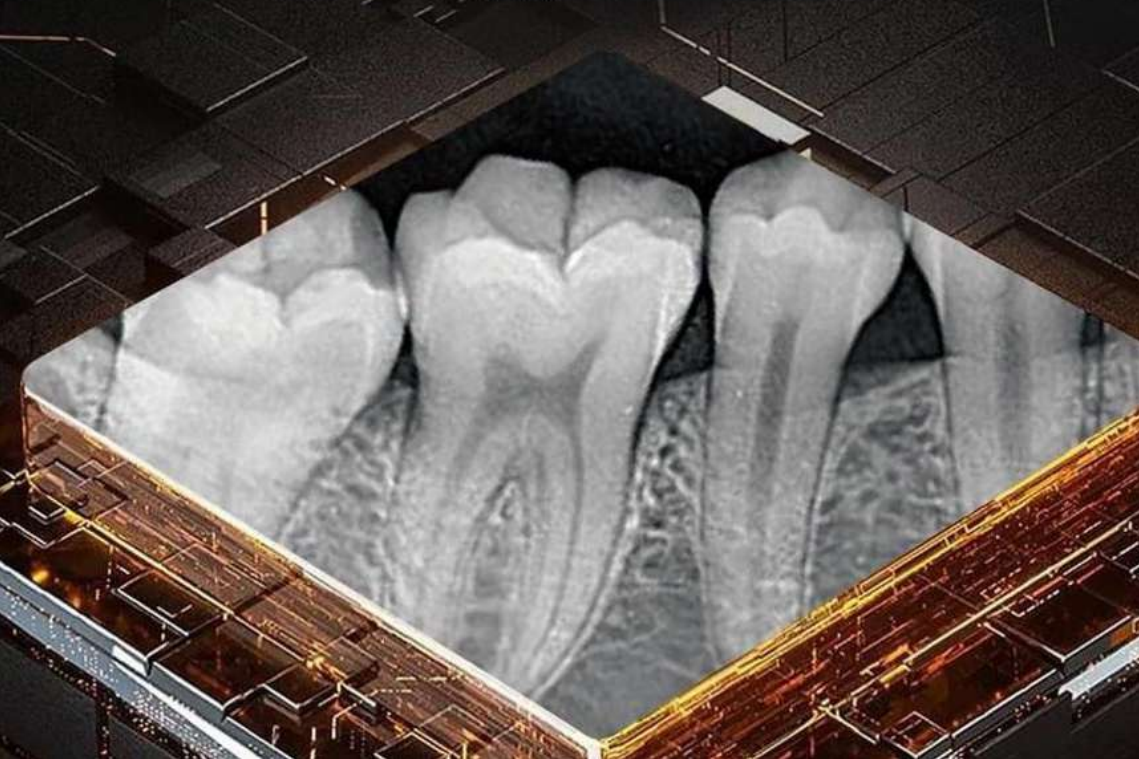
Refine VeRay Portable High-frequency Dental X-ray

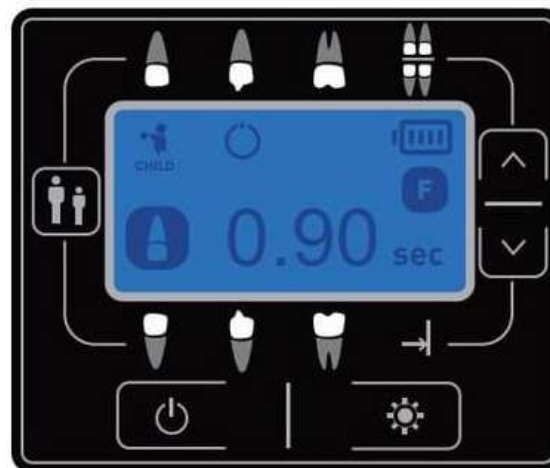
60kv, 2mA Stable Output

Precise Control of Voltage, Current & Exposure Time

Double-loop Control, 400kHz High-frequency Inverter

Quality Imaging, Stable Performance





Ergonomic design

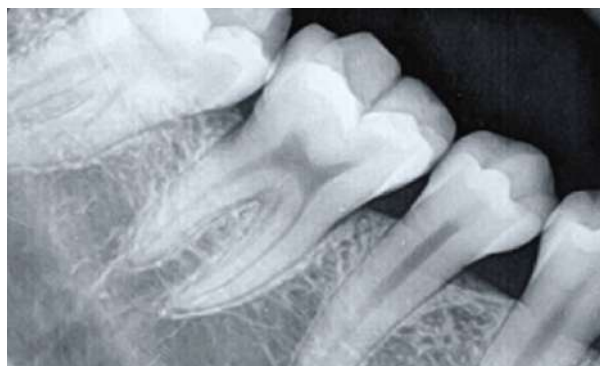
Shoot different teeth, fine-tune the shooting time, and achieve personalized and precise control

High capacity lithium battery

950 mAh ultra high capacity battery, battery can be replaced, low cost of use

Technical Parameter

Tube Voltage 60KV	Highest Voltage 70KV	Tube Current 2mA
Exposure Time 0.01-2s	Focus 0.4mm	Anode Target Angle 12°
Total Filtration 1.0mmAl	Battery Capacity 950mAh	



***Shorter Exposure Time,
Less Harmful Radiation***

Dental X-ray

A smart dental digital solution



High Performance

Thick walls protect doctors and patients, One dose of radiation is just equal to eat 1 banana.

LP mode

TOMS Intelligent production system to escort production process.

Smoothy After-sales service

React to your request within 24 hours

Elegant outlook design

- The design is simple.
- The line is smooth.
- The material is exquisite.
- Tactile impression is exquisite.

Super-high cost-effective

Totally compared with the same category of high performance overseas, provide more stable & preferential prices

specifications

Model	R1	R2
Detector Technology	APS CMOS	APS CMOS
Scintillator	CsI	CsI
Theoretical Resolution	25lp/mm	25lp/mm
True Resolution	20lp/mm	20lp/mm
Pixel Matrix	1000*1500	1300*1800
Active Area(mm)	20*30	26*36
Mechanical Size(mm)	25.4*36.8*4.4	30.4*41.9*4.4
Data interface	USB 2.0	USB 2.0
AD Conversion(bit)	16	16
Protection	IP68	IP68



Dental Sensor



Encapsulation layer

Protects scintillator

Csl scintillator

Directly deposited Csl
Low Dose (LD) and
High Resolution (HR)
options



APS CMOS image sensor

Low noise CMOS image
sensors In-house design and
process

Multi-languages

Convenient for dentists
in different countries
and regions.

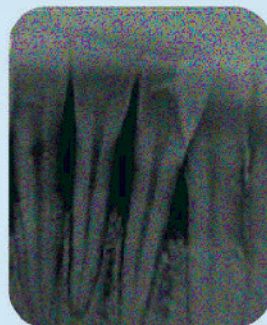


User-Friendly

Simple user interface
and easy

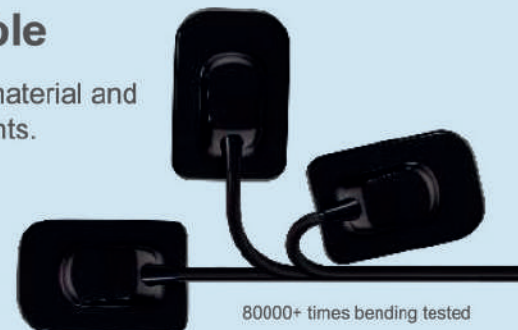
Stable

Over 50000+ without
imaging quality loss.



Reliable

Durable material and
components.



Practical

Compact overall design
Space-saving
Chair-side shooting
High resolution.



Ultra-slim design

4.4mm sensor, enables maximum
patient comfort.





Hot Melt Gutta Percha

MaxFill-G M



cha Filling Machine

MaxFill-P



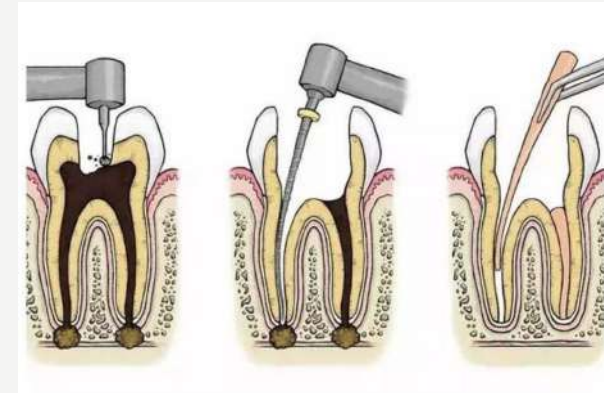
MaxFill-P

Gutta-percha Obturation System

- Intelligent Temperature Control
1 sec fast heating, fast cutting gutta-percha, and 1 sec fast cooling to ensure safety of patients.
- Pre-bending hot tip
- Six angles optional for different operating situations
- Ergonomic design
Handles are designed to be well-fitted to user's natural grip, comfortable and easier to operate.
- 4 hours super-long duration, quick charge

Specification:

Power input	100-240VAC	50Hz/60Hz	0.8A
Power output	DC 15V/1.6A		
Battery	1900mAh		



MaxFill-G

Gutta-percha Obturation System

- Intelligent Temperature Control
Quick preheating within 15 sec without long waiting time. Four default temperature (150°C 180°C 200°C 230°C), fast switch by one-click. High precision temperature control ensuring uniform hardness for gutta-percha

360 degree injection needle
Easily rotate angle for filling
Made of 99.9% pure silver with good thermal conductivity, flexible and durable
- Ergonomic design
Handles are designed to be well-fitted to user's natural grip, comfortable and easier to operate.
- 4 hours super-long duration, quick charge



iMotor

- ★ 360°rotatable contra-angle 16: 1 handpiece
- ★ Adapted to all main file systems in the market
- ★ In-built 12 main file systmes
- ★ Auto reverse function
- ★ 10 customized programs

Specification:

Speed range: 120~650rpm

Torque range: 0.5~4.0N.cm

Battery: 1900mAh



A7 Apex Locator

Input (charge the battery): DC 5V 1A

AC Adapter: 100-240VAC 50Hz/60Hz

Battery: NCM 14500 Rechargeable Li-ion Battery DC 3.7V/800 mAh

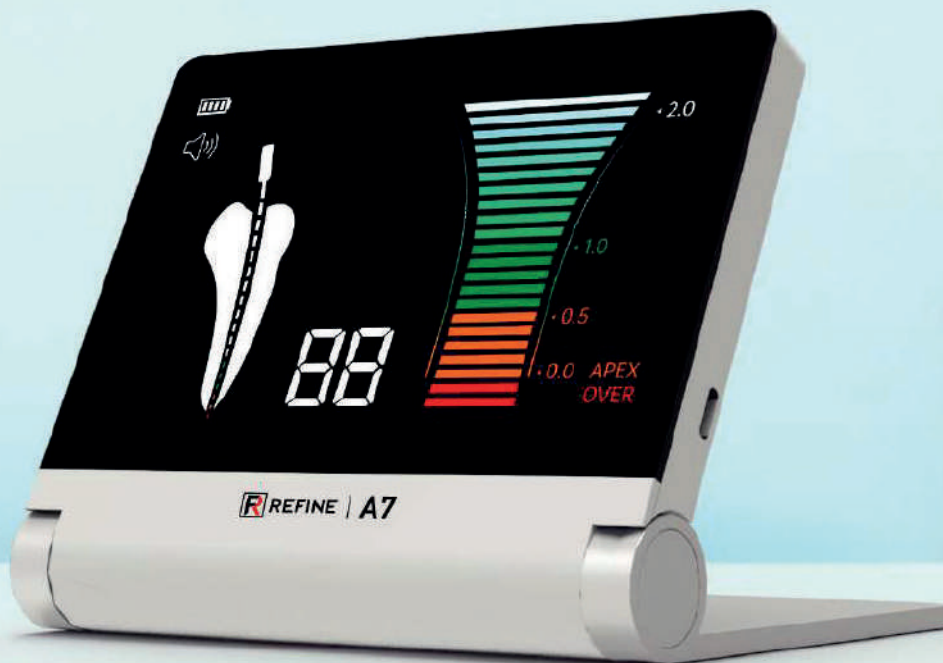
Rated Power: $\leq 0.5W$

Measurement Voltage: AC 200mV

Measurement Current AC: AC 100 μ A

Control Unit Dimensions: L130 mm $\times$ W112 mm $\times$ H23.5 mm

Weight: 370 gms (including battery)



A7 APEX LOCATOR







REFINE

lightcure maxcure

Standard specifications:

- Wave length 385~515nm
- Power input: 100-240VAC 50Hz/60Hz
- Power output: DC 5V/1A
- Battery: 2600mAh, can be used over 1300 times under 10 sec mode
- Two modes optional:
Turbo mode: P1: 2300-2500mW/cm², 1s, 3s
Normal mode: P2: 1000-1200mW/cm², 5s, 10s, 15s, 20s
- **Color:** Black



- 1.Wave lenth 515~385 nm
- 2.Battery voltage and capacity
3.6v/2600mAh
- 3.Turbo Mode
P1: 2500-2300 mW/cm², 1s, 2s
- 4.Normal Mode :
P2 :1000-1200mW/cm², 5s, 10s, 15s, 20s



MaxCure3

3 modes optional

Full-Power Progressive Pulse

Light Intensity: 1200-1600 mW/cm²

Unique technology of light concentration, ensuring straight illumination and strong penetrability.

The latest LED brings about high efficiency and well heat dissipation, prolonging life of the light sources.

Lithium battery with overcurrent and overvoltage protector, guaranteeing a secure process while charging. Under 10-sec mode, MaxCure3 can be used over 600 times after sufficient charge.

Constant light intensity output, light intensity will not reduce when battery lows.

Type-C USB

Autoclavable optical fiber effectively avoiding cross infection.



REFINE

MaxPiezo 5

Ultra Sonic Scalers



Touch Panel For Easy Operation and Perfection

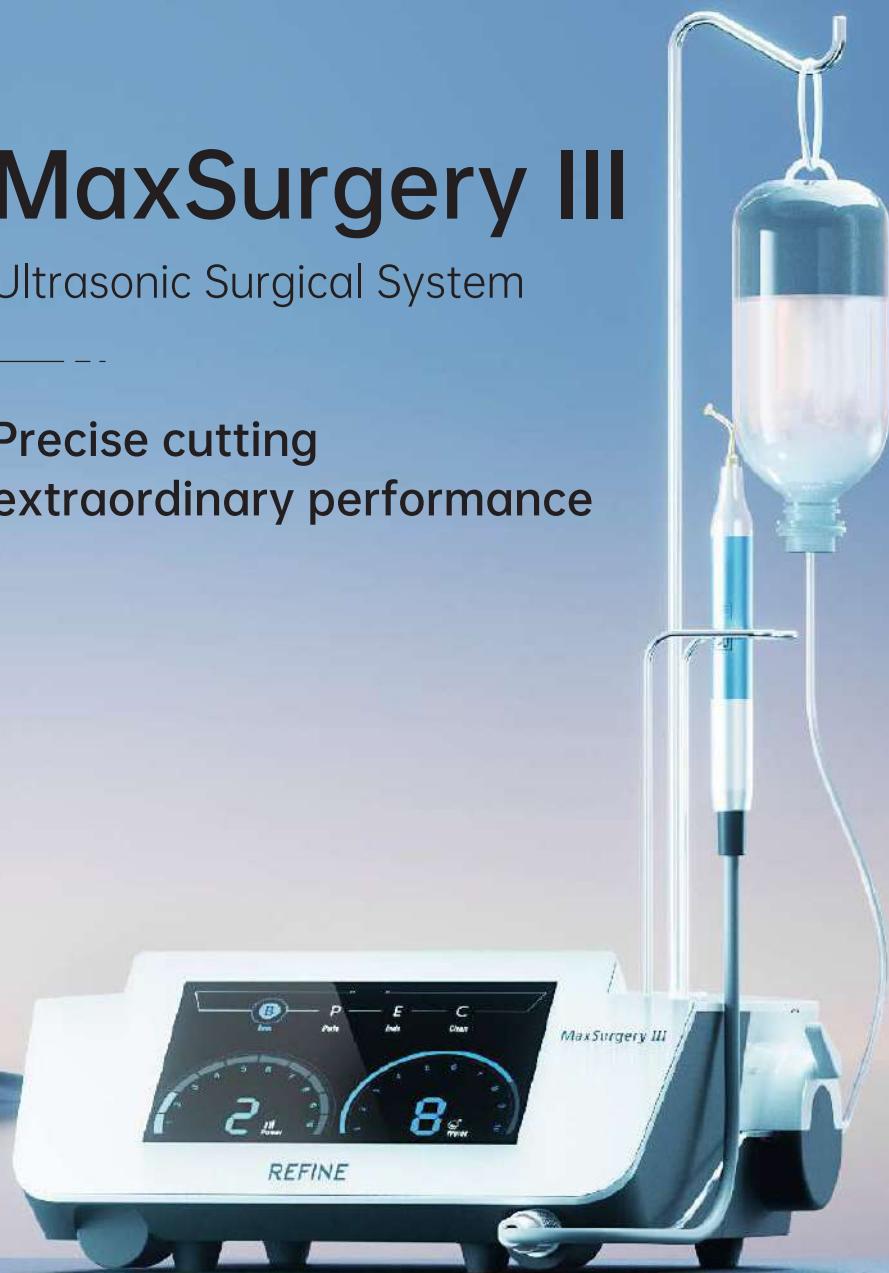
*Efficiency is maximal
Comfort is Optimal*

Power input	~220V 50Hz/~115V 60Hz
Main Unit Input	~24V 50Hz 1.3A
Frequency	28kHz+_3KHz
Water Pressure	0.1 bar~5bar(0.01MPa~0.5Mpa)
Package Size	375mm*305mm*120mm
Weight	2.4kg

MaxSurgery III

Ultrasonic Surgical System

Precise cutting
extraordinary performance



Efficient

28.57% higher cutting efficiency
compared to other brands.

Refine MaxSurgery III

25s

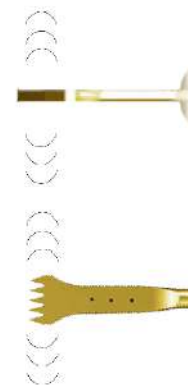
Z Brand

35s

Minimally Invasive Cutting

Micron level vibration resulting in high cutting precision that can effectively reduce bone loss, and the cutting edge is smoother.

Lateral
amplitude:
< 20 μ m



Radial
amplitude:
< 200 μ m

4 Modes Optional

B : Bone Cutting Mode for Minimally Invasive Tooth Extraction, Wisdom Tooth Extraction, Uprooting, Implant Removal, External Fenestration, Bone Graft, Cystectomy, Sinus Lift, Autologous Bone Harvesting, Harvesting Alveolar Splitting and Orthodontic PAOO Surgery etc.

P : Periodontal Mode for root planing, crown lengthening, fine osteoplasty etc.

E : Endo Mode for root tip inverted preparation and root tip debridement etc.

C : Cleaning Mode for cleaning water pipes and flushing wounds with normal saline etc.

Only activated on hard tissue

Oscillation frequency 26 ± 3 KHz

Only activated on hard tissue, no hurt to softtissue

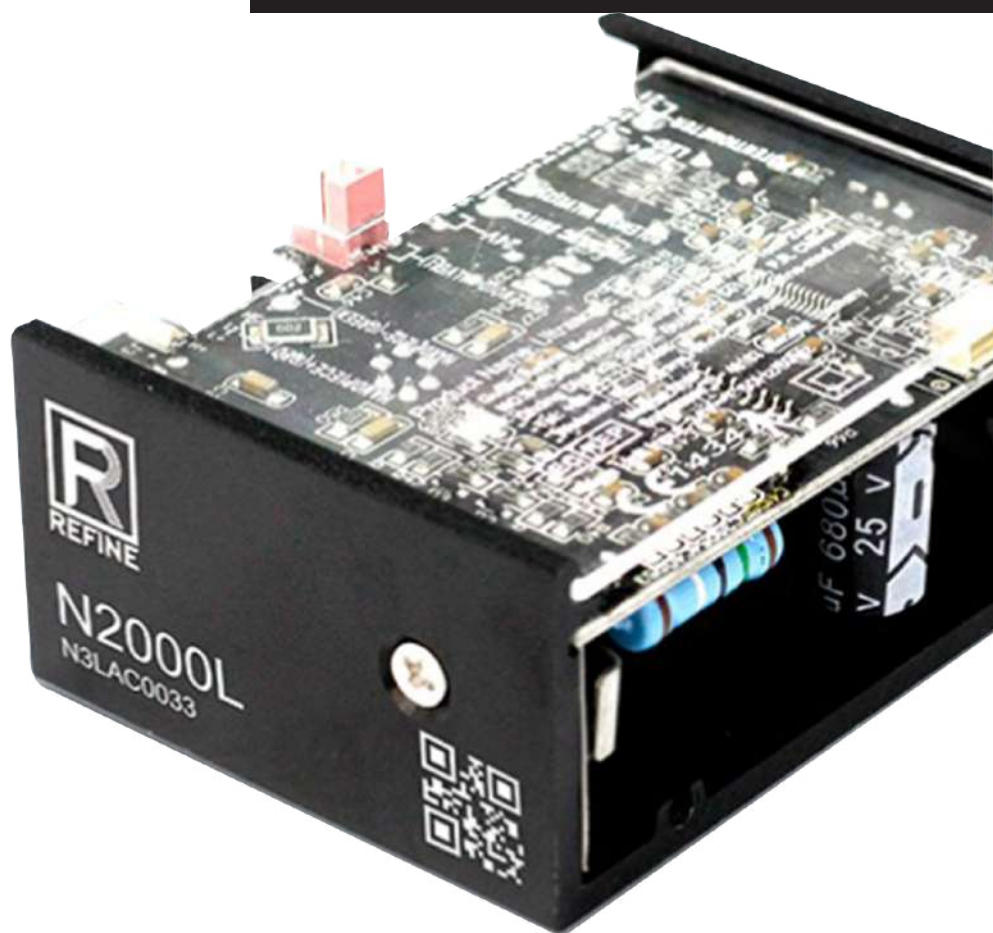




N2000L

Built-in Ultrasoni

SCALER



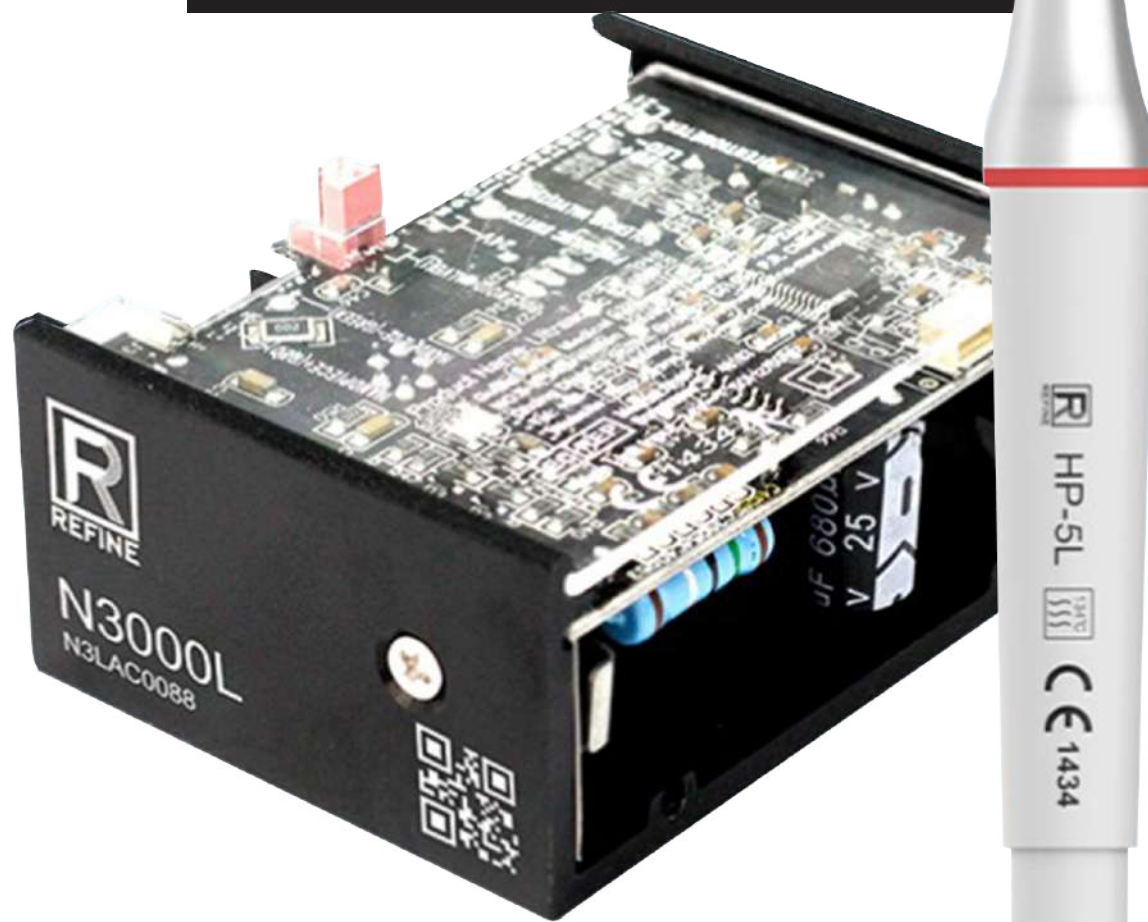


REFINE

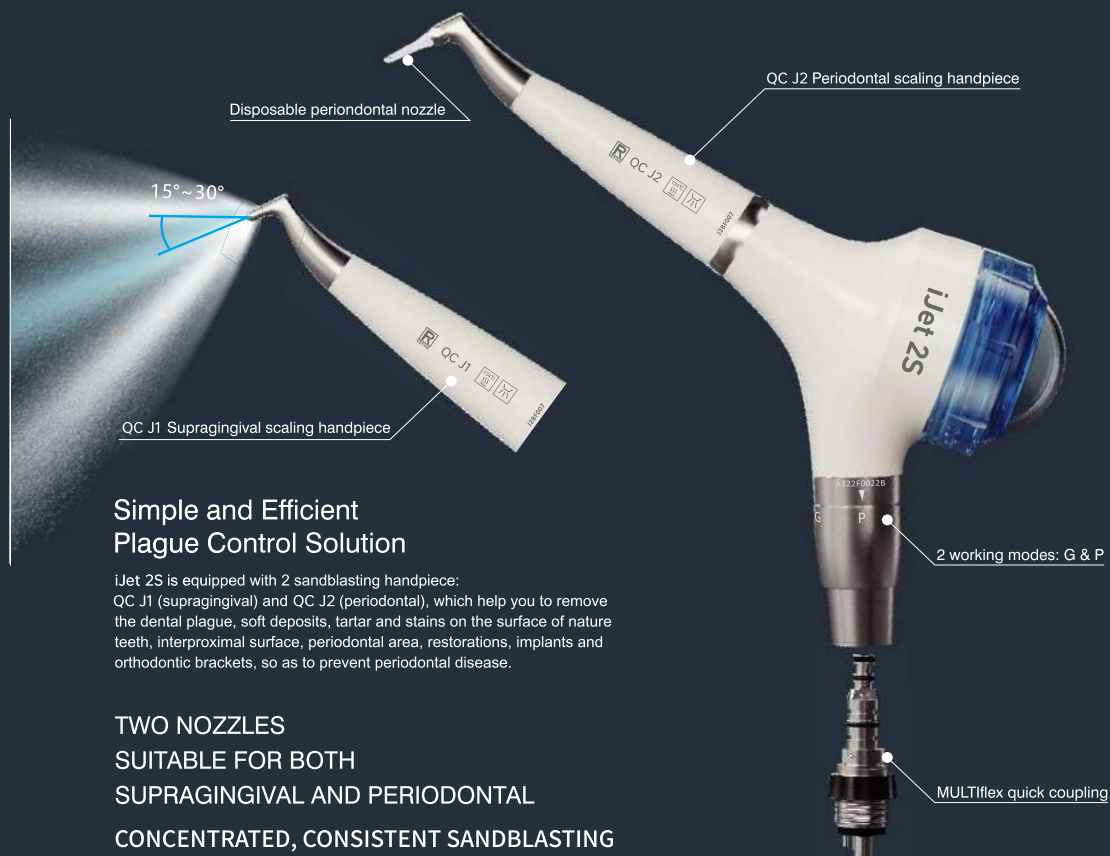
N3000L

Built-in Perio-endo

Ultrasonic scaler



iJet 2S



Simple and Efficient Plaque Control Solution

iJet 2S is equipped with 2 sandblasting handpiece:
QC J1 (supragingival) and QC J2 (periodontal), which help you to remove the dental plaque, soft deposits, tartar and stains on the surface of nature teeth, interproximal surface, periodontal area, restorations, implants and orthodontic brackets, so as to prevent periodontal disease.

**TWO NOZZLES
SUITABLE FOR BOTH
SUPRAGINGIVAL AND PERIODONTAL**

**CONCENTRATED, CONSISTENT SANDBLASTING
STABLE, CONTINUOUS CLEANING EFFECT**

iJet's unique nozzle design makes sandblasting more concentrated, and can easily handle areas that are not easy to clean, such as occlusal surfaces, gap spaces, orthodontic brackets, etc. It can also polish the tooth surface during the scaling treatment, so that plaque and pigment are not easy to reattach.



Supragingival scaling



Periodontal scaling (<3mm)



Interproximal surface scaling

Optimal Comfort Minimally Invasive Maximally Preventive

iJet uses smaller and lower hardness sandblasting powder, which can protect teeth to the greatest extent during treatment and has high comfort.

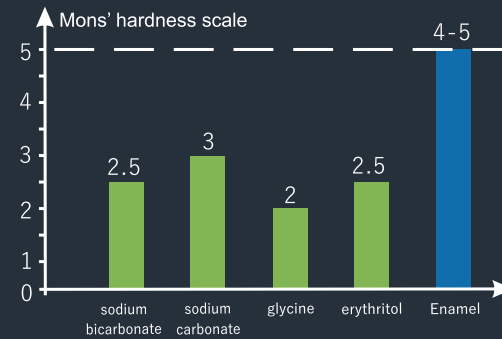
Recommended Prophylaxis Powder:

Supragingival scaling:

Sodium Bicarbonate, Glycine, Erythritol with particle size less than 65µm

Periodontal and Gap scaling:

Glycine, Erythritol with particle size less than 25µm



iJet 2S

- 2 sandblasting modes adjustable: G & P
- Equipped with 2 sandblasting handpiece QC J2 (supragingival) & QC J1 (periodontal)
- KAVO MULTIflex quick connector



iJet

- Equipped with QC J1 supragingival sandblasting handpiece
- 4-holes connector

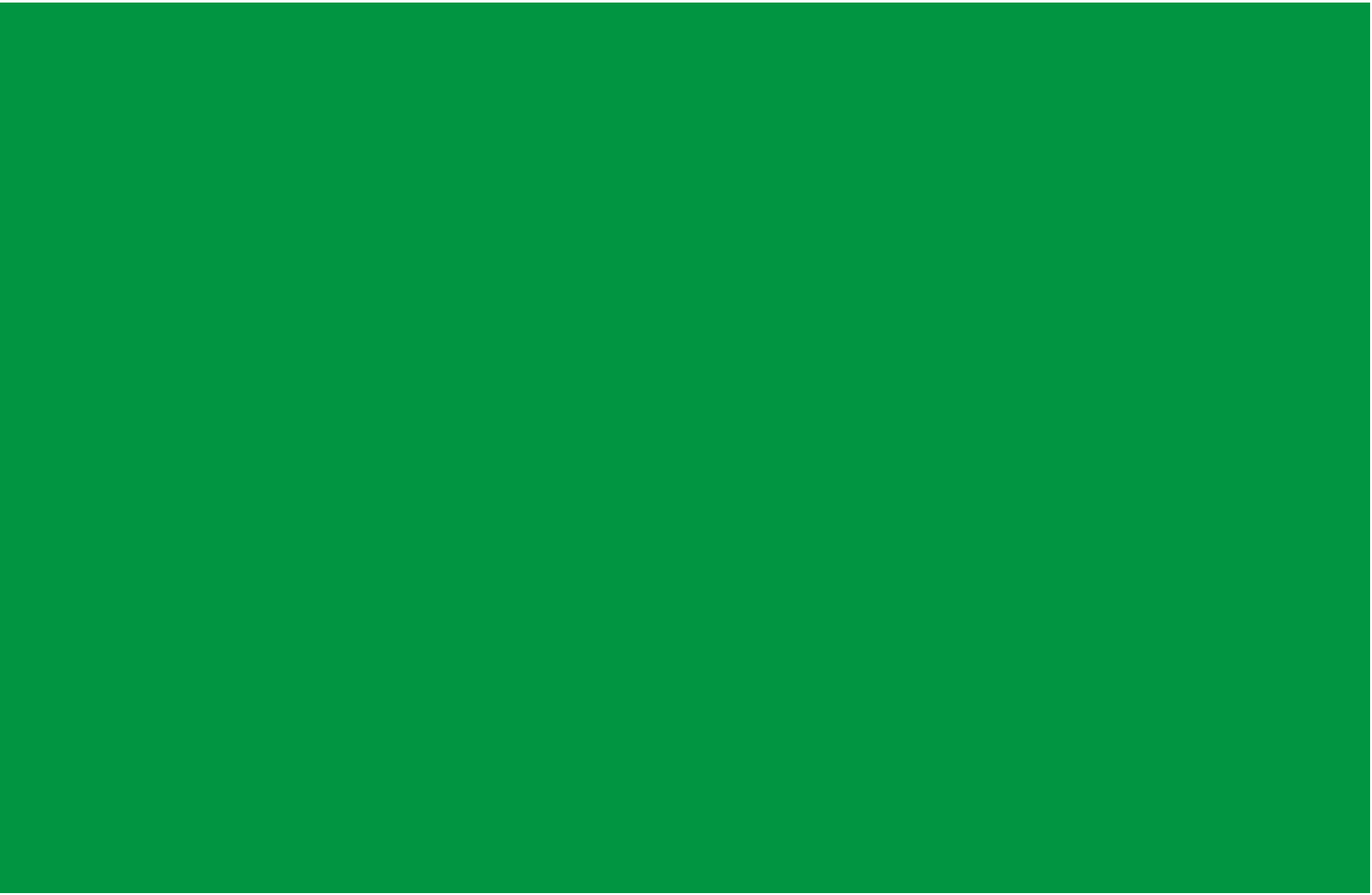


iJet S

- Equipped with QC J1 supragingival sandblasting handpiece
- KAVO MULTIflex quick connector









Compressors



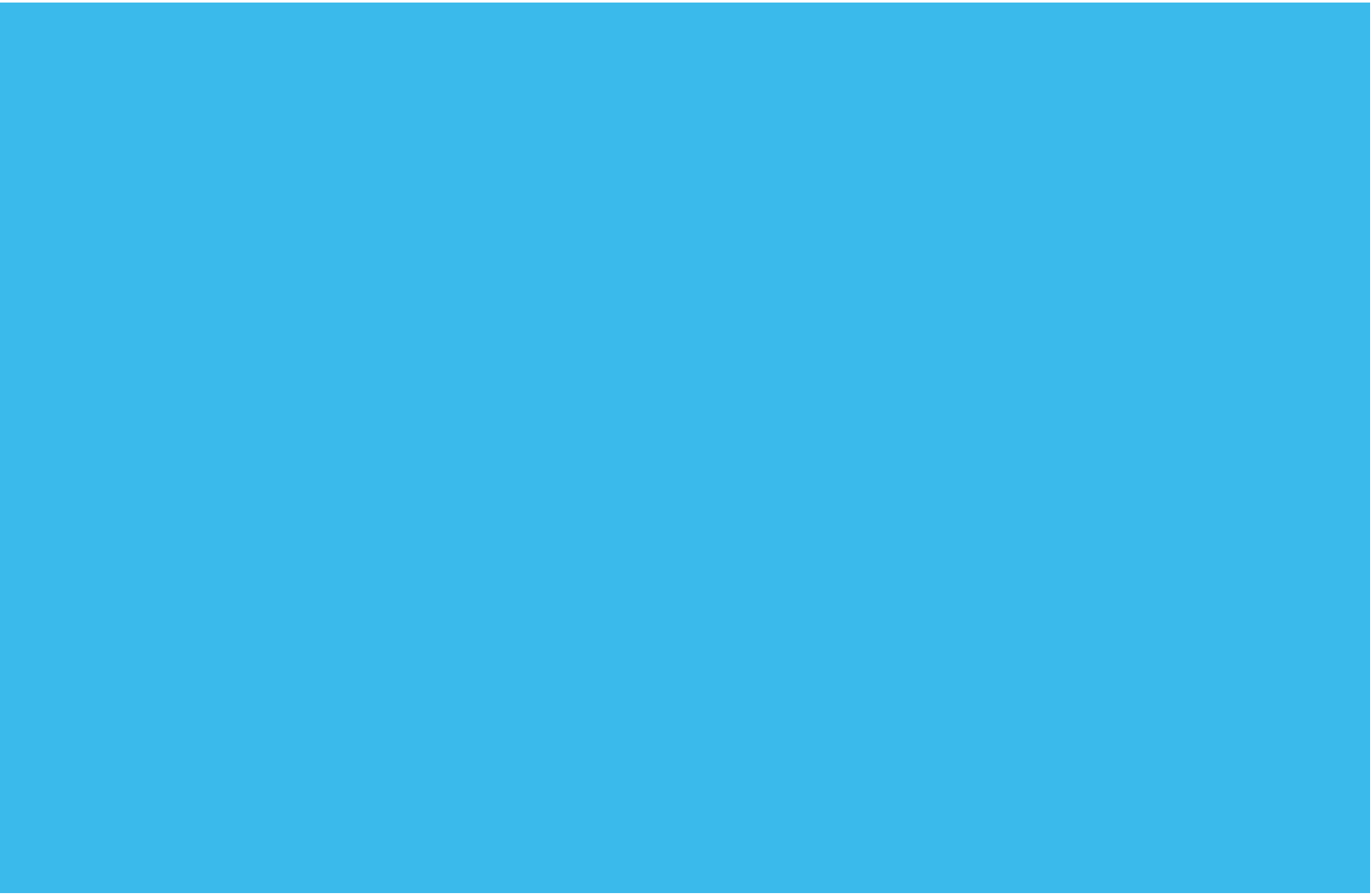
- Voltage 220v
- Unit power 850w
- Work pressure 0.5-0.8 mpa
- Flow 100l/min
- Noise 62db
- Production size 40×40×62 cm



Compressors









Junwei-dental



Technical Parameters

	JW-X01	
available units	Set	1
ltage	V	240~220
wer Frequency	Hz	50/60
equency conversion function	X	
it power	KW	0.4/0.5
ectric current	A	3,0/3,5
ction power	L/min	≥ 800
cuum	mbar	110-
ise	dB(A)	≤ 56
eight	Kg	18
e	mm	310*450*585

Junwei Medical

Dental suction system . Environment guardians of dental treatment

- Applying of variable frequency technology, domestic initiative technology.
- Two stop separation system, separate air and waste water thoroughly.
- Quickly reach top power, ensuring multiple units work at the same time.
- Stable average suction power on every unit.
- Work safe and continuously.

Essential equipment for high quality dental treatment

Fluctuation pressure sensor:



The suction machine can adjust the power of motor by real-time monitoring the pipeline vacuum degree, thus to guarantee the suction on every unit being used.

Variable frequency control panel:



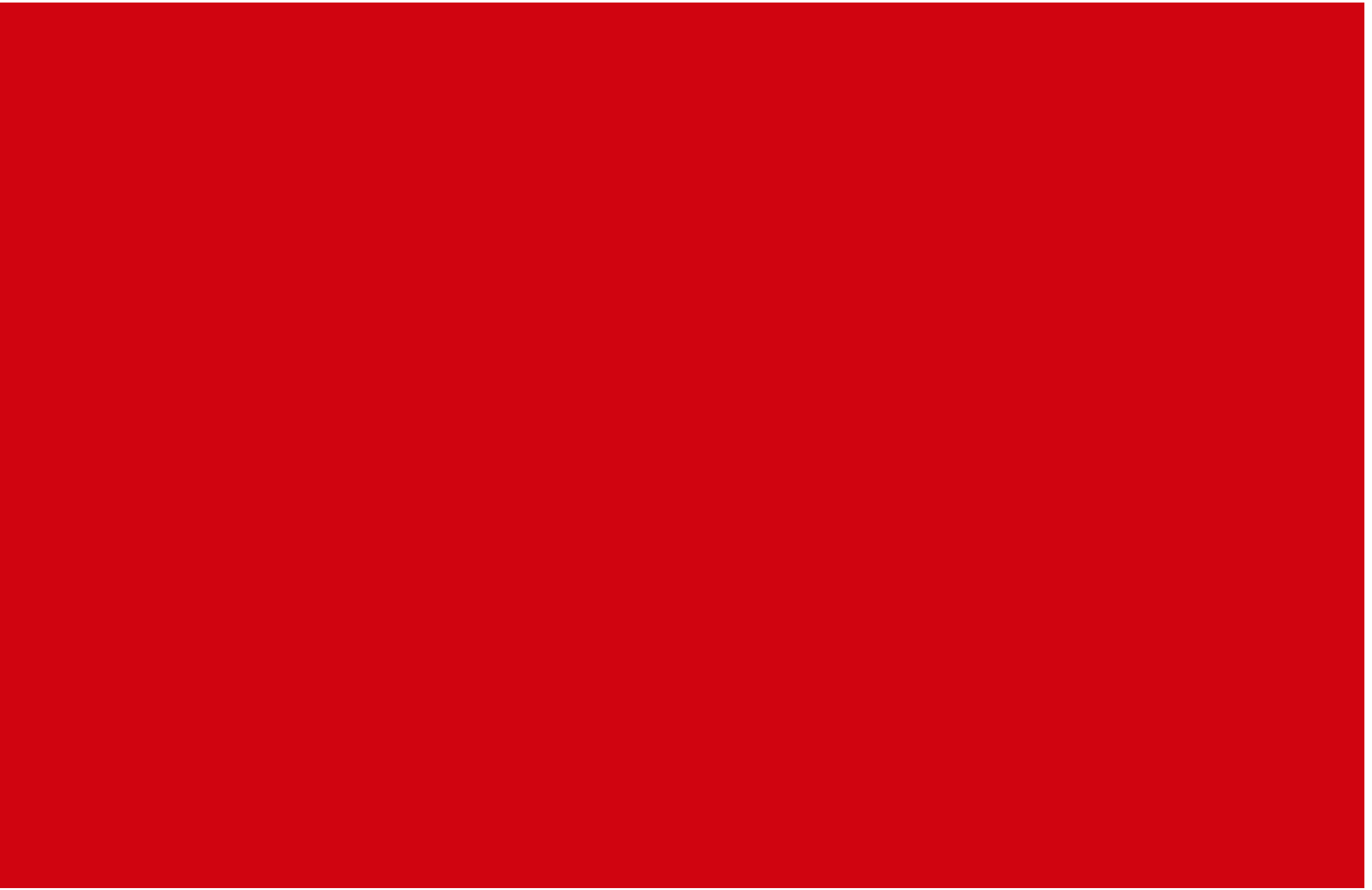
Real-time monitoring the work situation of the suction machine.

Filter component:



Advanced designed filter component can effectively and practically prevent the inhalation of secretion and blood foam getting in.

Other Equipments



Other Equipments

Sealing Machine



Ultra Sonic Cleaner



Water Disteller



Intra Oral Cam

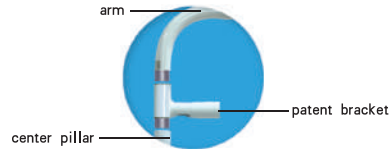


Touch pen



Hd camera

CCD,3.8million PX,
Super large range of visual
angle,USB



Patent bracket

unique creative multi-functional bracket without break-
ing the structure of treatment platform, hide the
pipelines without punching on the middle center pillar.



The comparison of the handle lines

Push-pull connector of medical specialty
compered with metal air connector
signal transmission is more stable
service life is longer



The comparison of
helical line and
regular line

The helical line is more
artistic and functional than
regular line after being
installed



Components

connect to the extending
wire,the photo handle can
be placed on the nurse
operation platform.



- Function Features
- Can Save the photo permanently, establish e-medical history, easy to blouse and check.
- Can recored the whole process of treatment
- Available for all the functions of desktop, including net work
- Available for 3D doctor patient communication video
- Touch hand writing input, can use external wireless mouse and keyboard
- Can establish a local area network to transmit digital X-ray
- Can install internet somatology management software
- Type: YSD960
- Display: 17 inch HD white LED screen, touch screen AIO
- Camera handle: 3.8 million PX, 6 white LCD, auto-focusing 5mm-50mm
- Input and out put : 220V power, USB 2.0*4, RJ45, AUX, VGA, wifi
- Case material : aluminum magnesium alloy 365mm*300mm*42mm net wight 3.3 kg
- CPU : intel dual core with four threads and 2.41GHZ cpu frequency
- Memory : DDR3,2G(can be extended to 320G-1TB HDD)
- Control : 17 inch touch screen (five-lineresistance)
- Wifi : Wifi 802. 11n WLAN
- Soft ware : Win7, dental photo/video/3D doctor-patient communication/hanwriting
- Power : 220V input (12V outside available)
- Backhole : 100mm*100mm

Built-in Ultrasonic Scaler



Model: N2000

- Detachable handpiece
- Scaling & perio function
- Automatic frequency tracking
- Real-time feedback
- Main unit input ~24V 50Hz
- Frequency 28KHz±3KHz
- Water pressure 0.1bar~5bar(0.01MPa~0.5MPa)
- Package size 18.2cm*17.2cm*6.8cm
- Gross weight: 0.45Kg



Model: N2000L

- LED detachable handpiece
- Scaling & perio function
- Automatic frequency tracking
- Real-time feedback
- Main unit input ~24V 50Hz
- Frequency 28KHz±3KHz
- Water pressure 0.1bar~5bar(0.01MPa~0.5MPa)
- Package size 18.2cm*17.2cm*6.8cm
- Gross weight: 0.45Kg



Model: N3000

- Detachable handpiece
- Endo, scaling & perio function
- Automatic frequency tracking
- Real-time feedback
- Main unit input ~24V 50Hz
- Frequency 28KHz±3KHz
- Water pressure 0.1bar~5bar(0.01MPa~0.5MPa)
- Package size 18.2cm*17.2cm*6.8cm
- Gross weight: 0.45Kg



Model: N3000L

- LED detachable handpiece
- Endo, scaling & perio function
- Automatic frequency tracking
- Real-time feedback
- Main unit input ~24V 50Hz
- Frequency 28KHz±3KHz
- Water pressure 0.1bar~5bar(0.01MPa~0.5MPa)
- Package size 18.2cm*17.2cm*6.8cm
- Gross weight: 0.45Kg

Spare part



TW-1L Torque wrench
For Refine, EMS, SATELEC
& Woodpecker scaler tip



Scaler cable for
Refine, EMS &
Woodpecker scaler



TS-1L Torque wrench
for SiRONA scaler tip



Solenoid valve for
Ultrasonic scaler



TK-1L Torque wrench
for KAVO SonicFlex
scaler tip



Footswitch for
Ultrasonic scaler



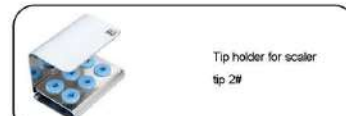
TW-E Endo wrench
For endo truck
TW-A Multi function
wrench for both endo
truck & dental bur



Power supply for
Ultrasonic scaler



Tip holder for scaler
tip 1#



Tip holder for scaler
tip 2#



HP-3H detachable
handpiece for Refine,
EMS & Woodpecker



HP-5L detachable
handpiece for Refine,
EMS & Woodpecker



Oil-free air compressor



Doctor's chair



Sterilizer



Apex locator



N1 Scaler



Dentist chairs



Salli care swing stool



Water distiller



Digital ultrasonic cleaner



Junwei suction units



Oral Camera



Sealing machine



LED Curing Light (Wireless)

El kasr El Einy

☎ Dental Equipment / Maintenance
/ Technical Support

01002658518 - 02 23631472

☎ Dental Materials

01273024163-01091765813-01140458283

📍 29 Bostan El Fadel, St - El kasr El Einy, Cairo

📍 36 Bostan El Fadel, St - El kasr El Einy ,cairo

Nasr city

☎ Dental Equipment
01551104297

☎ Dental Material

01276314284-01030928524

📍 4th Ismaeel El Kabany From Al Tayaran
St., - Infront of The Medical Insurance
Hospital - Nasr City