
TriGroup
DENTAL MATERIALS AND EQUIPMENTS




BLZ Dental


PIOON


icanCLAVE


JUNWEI


SOCO


YOUSI
DENTAL HANDPIECE


REFINE
An NSK COMPANY


Lovage Medica


HYA


创昕


LUNX

TriGroup

Dental Materials, Equipments, Systems & Total Solutions

About us

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 30,000 dental professionals .

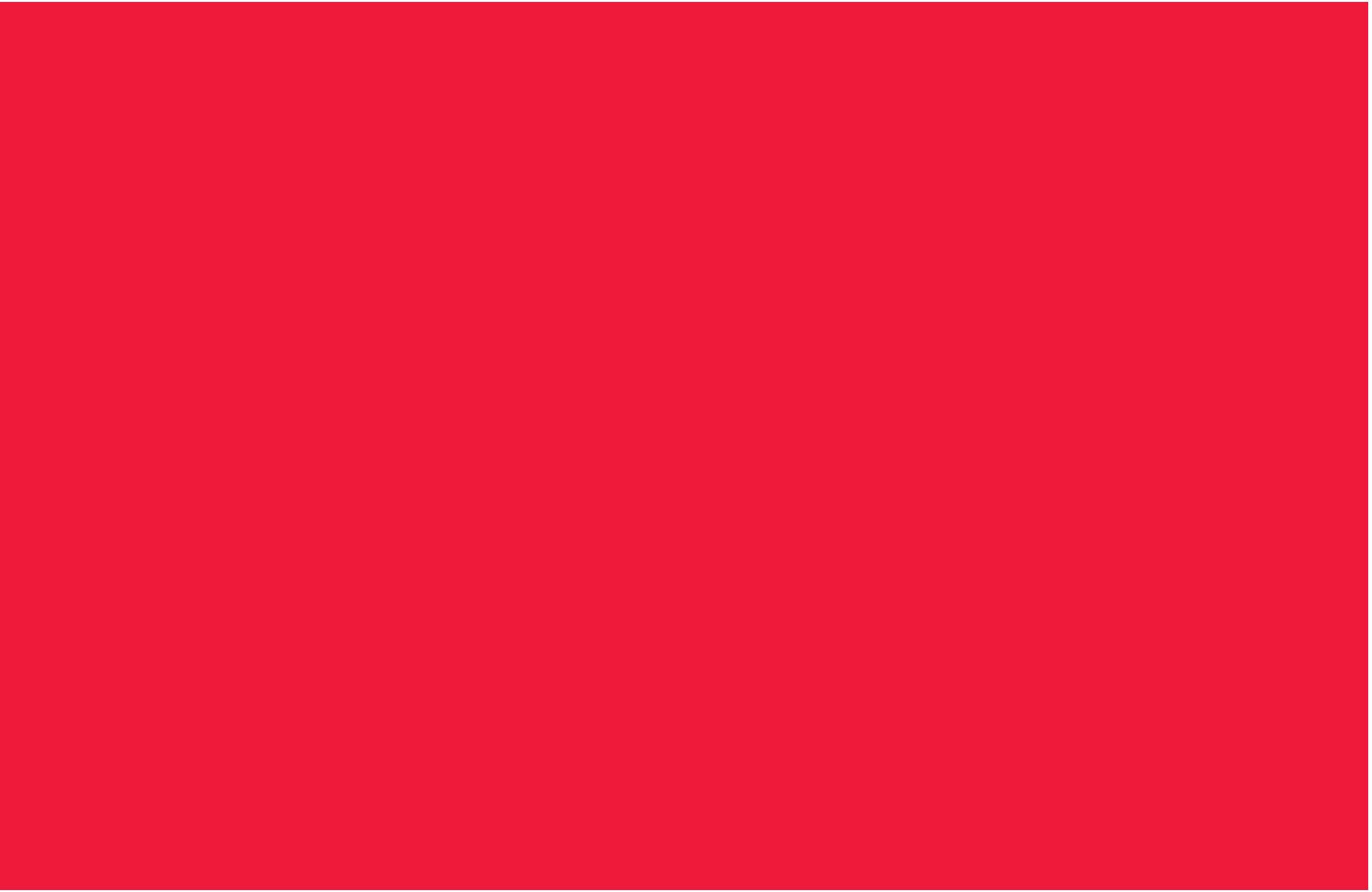
Mission

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` livers by offering all dental equipment & dental supplies related services in our lives

Vision

To be the trusted partner of every dental clinic in Egypt, delivering complete, high-quality solutions that empower dentists to rely on a single, dependable source for all their needs.


RN



Dental Units

RN-D2
PEDO







Dental Units

RN-D3
PEDO







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
• Bulit 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 senor	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 senor	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
• Bulit 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

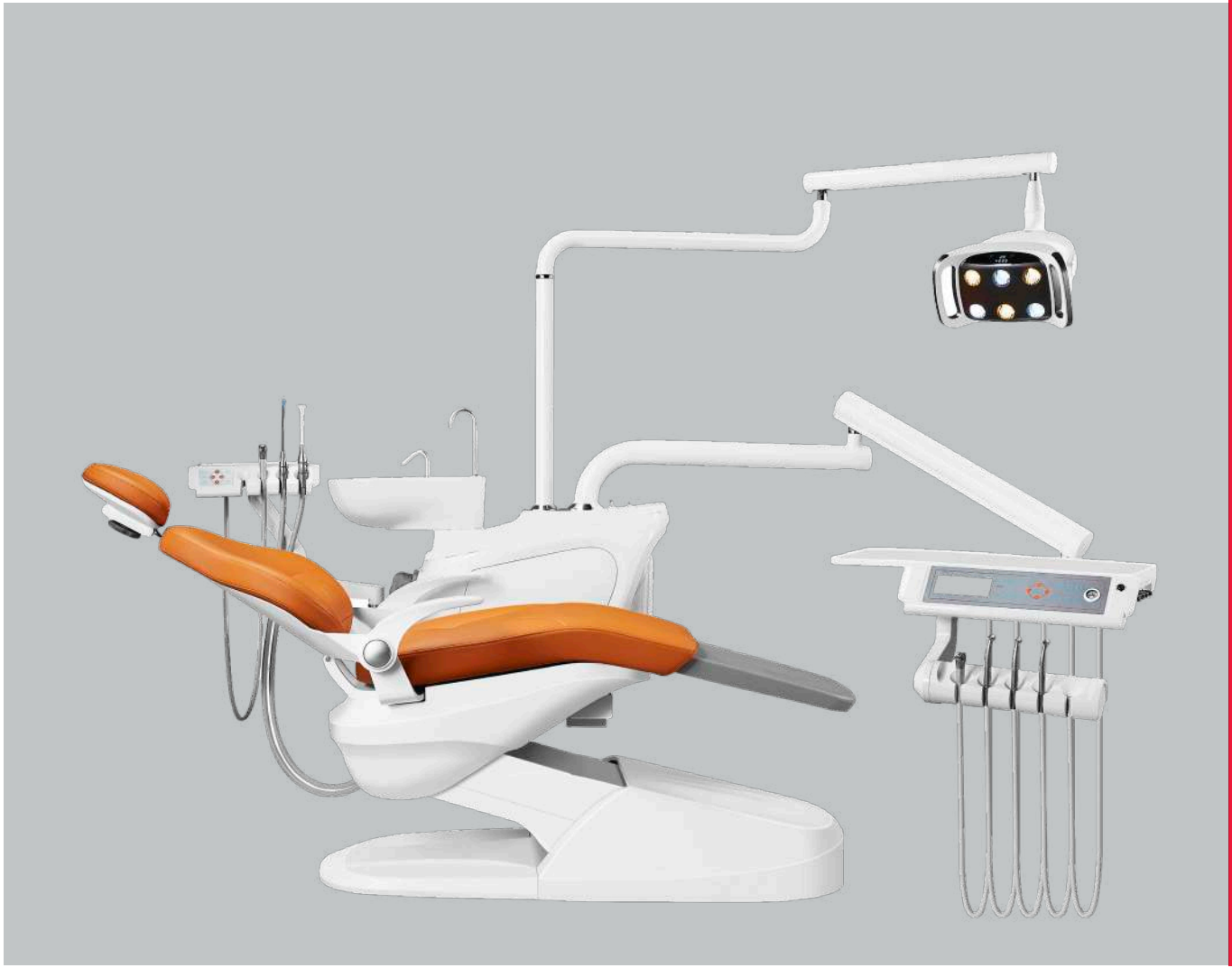








Dental Units



RN-C2

Standard specifications:

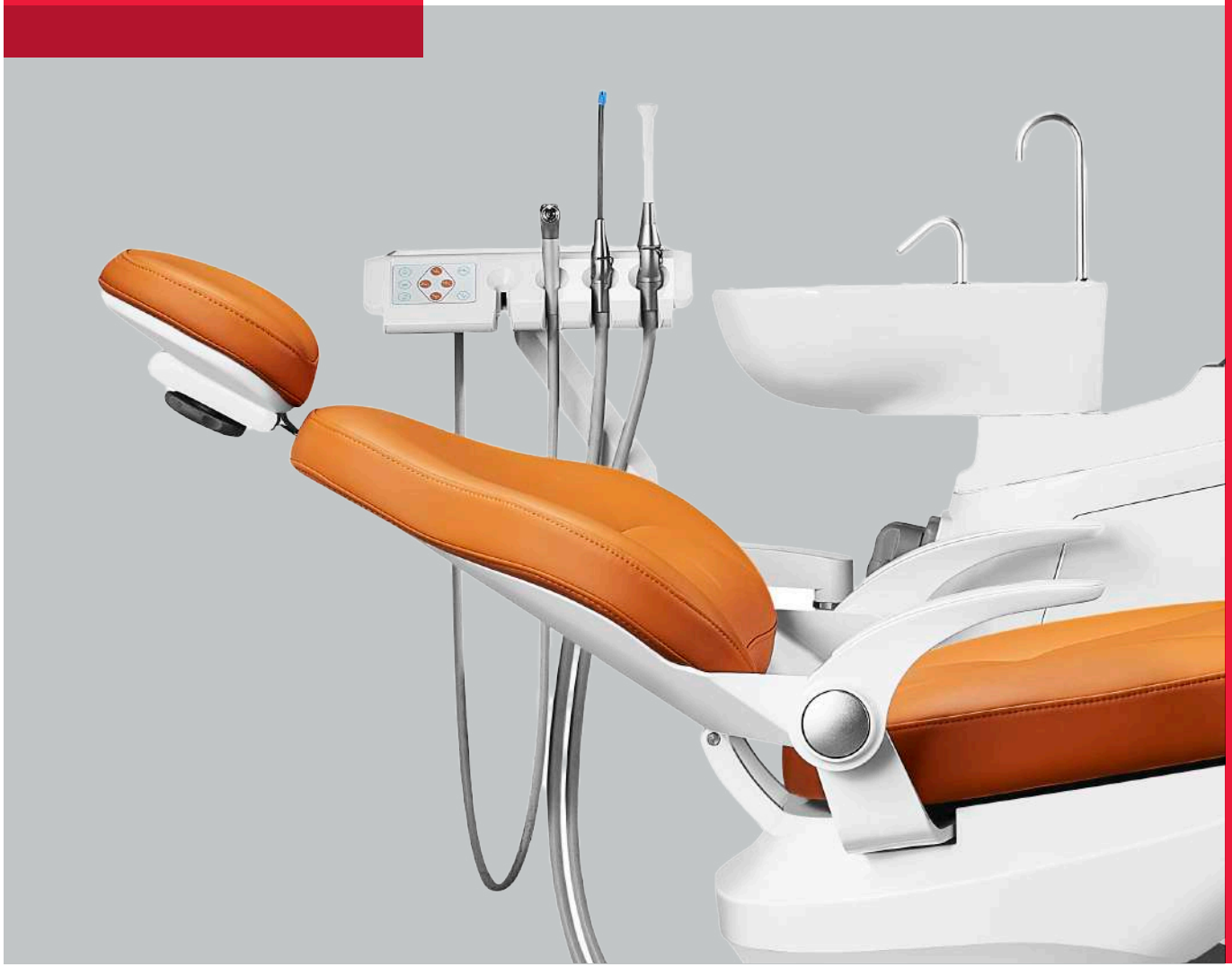
• Low –mounted instrument tray	1 Set
• 4-hole headpiece tubing	3 Set
• Dental chair pu leather	
• Safety stop	
• Operating led light	1 Set
• 24 v x-ray film viewer	1 Set
• High and low saliva ejector	1 Set
• 3-way syringe 2 sets	2 Set
• Foot control(with self –lock function) Water tank	1 Set 1 Set
•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

- Adjustable head rest
- Auto spitton flush and cup filler control system

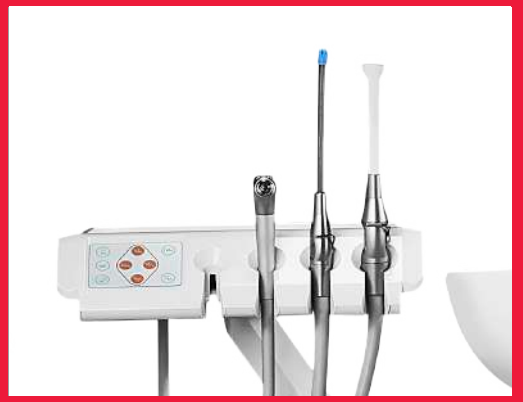
Technical specifications :

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

RN-C2









RN-C1
PLUS







RN-C1









Dental Units



RN-C1

Standard specifications:

• Low –mounted instrument tray	1 Set
• -4hole headpiece tubing	3 Set
• Dental chair pu leather	
• Safetya stop	1 Set
• Removable Glass spittoon	1 Set
• Tunable high –grade led light with senor	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
• Bulit 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

Dental Units

RN-V1







RN-A2
UPGRADE









Dental Units



Dental Units



RN-A2







RN-A2









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) Water tank	1 Set 1 Set
• Bulit out junction box	1 Set
• 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-3500











Lovage Medica



Lovage M



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
- Bulit out junction box 1 Set
- Water heater

- Adjustable head rest
- Auto spitton flush and cup
- filler control system

Technical specifications :

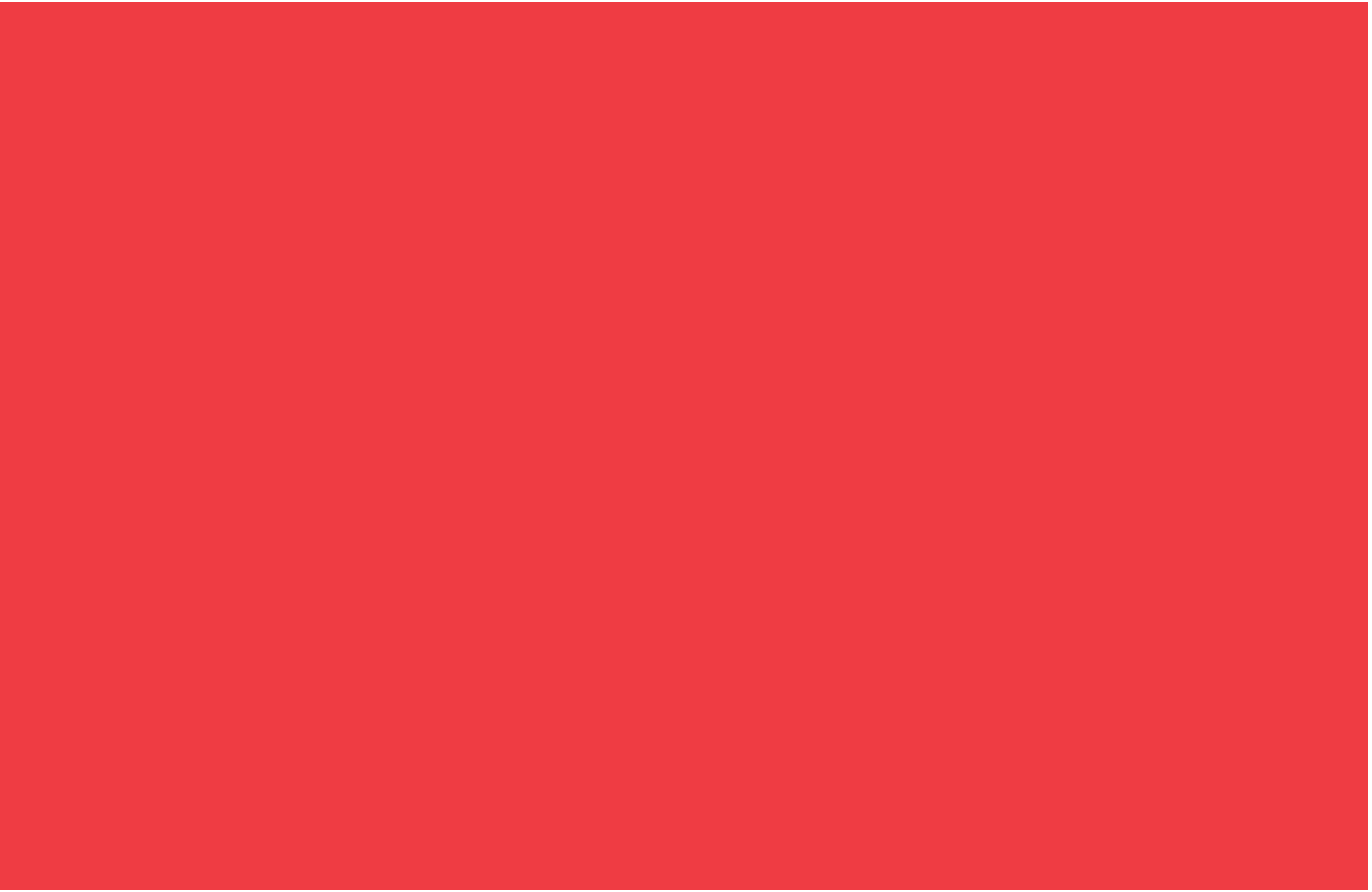
- Power voltage :220v /50 hz
- Motor voltage :24 v
- Water pressure :0.2mpa-0.4mpa
- Air pressure :0.5mpa-0.8mpa

Lovage M

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 sterillization result.
Powerful vacuum pump resulting in perfect class B sterillization cycles.
A built-in independent steam generator provides readily available steam for faster cycles.

Simple Operating

Full automatic table top autoclaves with pre-progrmmed 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	2000/220V	φ 247x350mm	47Kgs
D423	STE-23-D	Class B	2000/220V	φ 247x450mm	53Kgs

Overall Dimensions

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

Defult Program

Program	Temperature	Pressure	Holding Time (min)	Total Time (min) D408/D412/D418/D423
HELIX Test	134C	210Kpa	3.5	10-20 11-23 13-25 16-30
Vacuum Test	/	/	/	17-20 18-21 19-22 20-25

icanCLAVE

Autoclaves



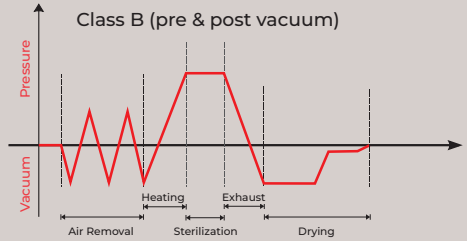
Class D

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	Ø247×350mm
Power	2200w	2200w
Net weight	47kgs	51kgs


LCD diplaying

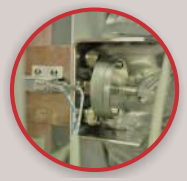

Stainless steel chamber and trays


Vacuum pump


Operation panel


Independent Steam generator


Water tank


Double locking device



E618/E623
Easy Class B
Steam Sterilizer

B class

About ICANCLAVE E type B sterilizer

ICANCLAVE mode E6 is a Class B steam sterilizerwhich 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 sterilizercan be used steriize any load, such as the instruments of hollow, porous or solid.

Effiency

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

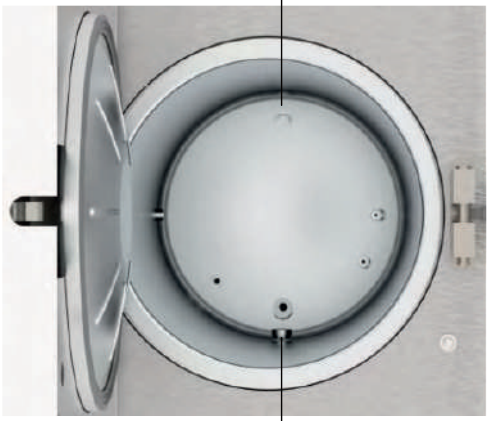
Standard equipped with an internal memory able to store +10000cycles, and the cycle reports can be automatically saved via the USB driver.



flash water tank



stainless steel chamber



water filter

USB port pritner



draining connector
for used water tank

draining connector
for flash water tank

LED display window



glass touch pad

Technical parameters

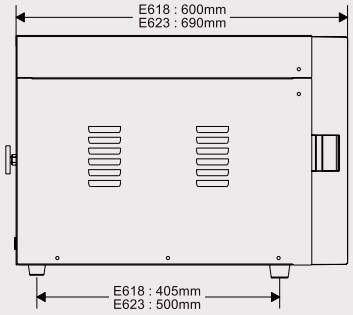
Order Code	Model	Voltage	Rated Power	Chamber Size	Weight
E618	STE-18-E	220V/110V	1750W	φ250x350mm	47kg
E623	STE-23-E	220V/110V	1750W	φ250x450mm	51kg

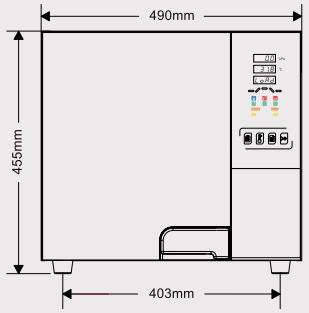
Sterilization Cycles

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

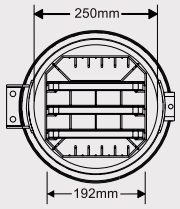
*The cycle time is based on the load and with/withoutpre-heating.
*Drying time can be adjusted.

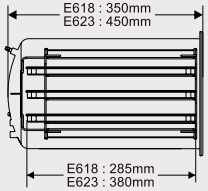
Overall Dimension (mm)

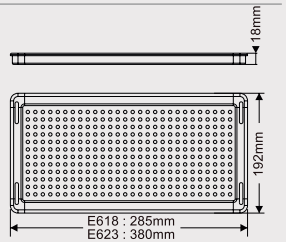




Rack & Trays Dimension (mm)











icanCLAVE

Autoclaves



Model **E**

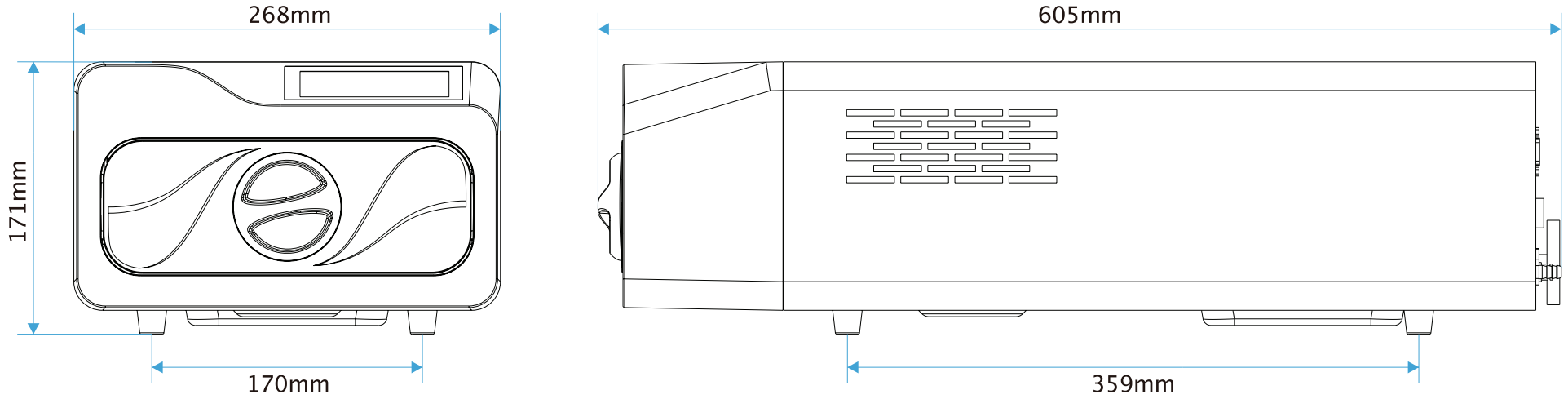
BLACK EDITION



Icanclave Model F03

Rapid Steam
Sterilizer

Overall Dimension



Technical Parameters

Order Code	Model	Rated Power	Chamber Size
F03	STE-3-F	3000W	292x4x192mm



Sterilization Cycles

Program	Temp./Pressure	Steri. Time	Suitable For		F03
Quick	134°C/210Kpa	3.5min*	unwrapped solid instruments, unwrapped simple hollow insturments.	Cycle Time* Load(max)	7-11min 1,5min
Standard B	134°C/210Kpa	4min*	Mixed load, Single wrapped solid insturments, Single hollow insturments.	Cycle Time* Load(max)	15-18min 5min
Soft B	121°C/110Kpa	20min*	Mixed load, Single wrapped solid insturments, Single hollow insturments.	Cycle Time* Load(max)	25-30min 6min 1Kg
Prion	134°C/210Kpa	18min*	Multiple wrapped instruments Textiles, danger of infection insturments.	Cycle Time* Load(max) Textille(max)	35min 25-30min 1Kg 0.5kg

*In addition to the above sterilization procedures, there are three tests: B&D test, Helix test and Vacuum test
*The cycle time is based on the load and with/without-heating.
*Drying time can be adjusted.

B class

About ICANCLAVE F03

The F series is currently the fastest steam sterilizerin ICANCLAVE family, especially for the sterilization of unwrapped instruments, which greatly improves the turnover rate of of surgical surgical instruments and the convenience of small operations such as in dentistry, cosmetology and ophthalmology.

ICANCLAVE F has a 4.7-inch touch screen and a friendly interface design, All function information, operation progress, sterilization status and various primary and advanced setting can be completed on one screen like a mobile phone.



Super Fast

Utilisation of an intelligent systems and high performance components (such as instantaneous steam generator and high effecient vacuum pump), which provide a super fast sterilization cycle



Multi protection

Utilizers mechanical and electronic safety mechanisms for pressure & temperature overload protection and safety door locking system.



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.



Reliability and safety

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



For any load type

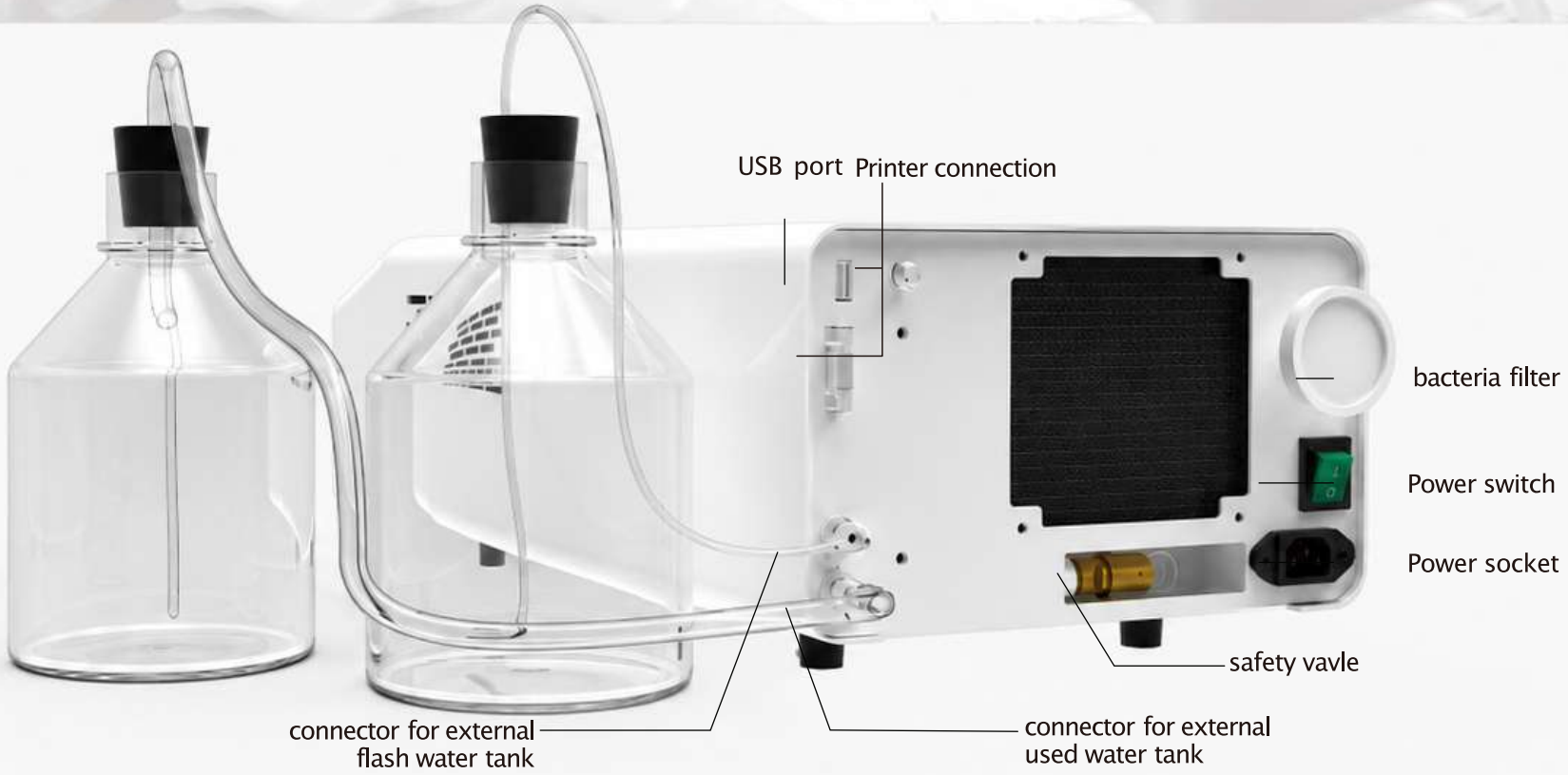
Class B steam sterilizercan be used sterilize any load, such as the instruments of hollow, porous or solid.



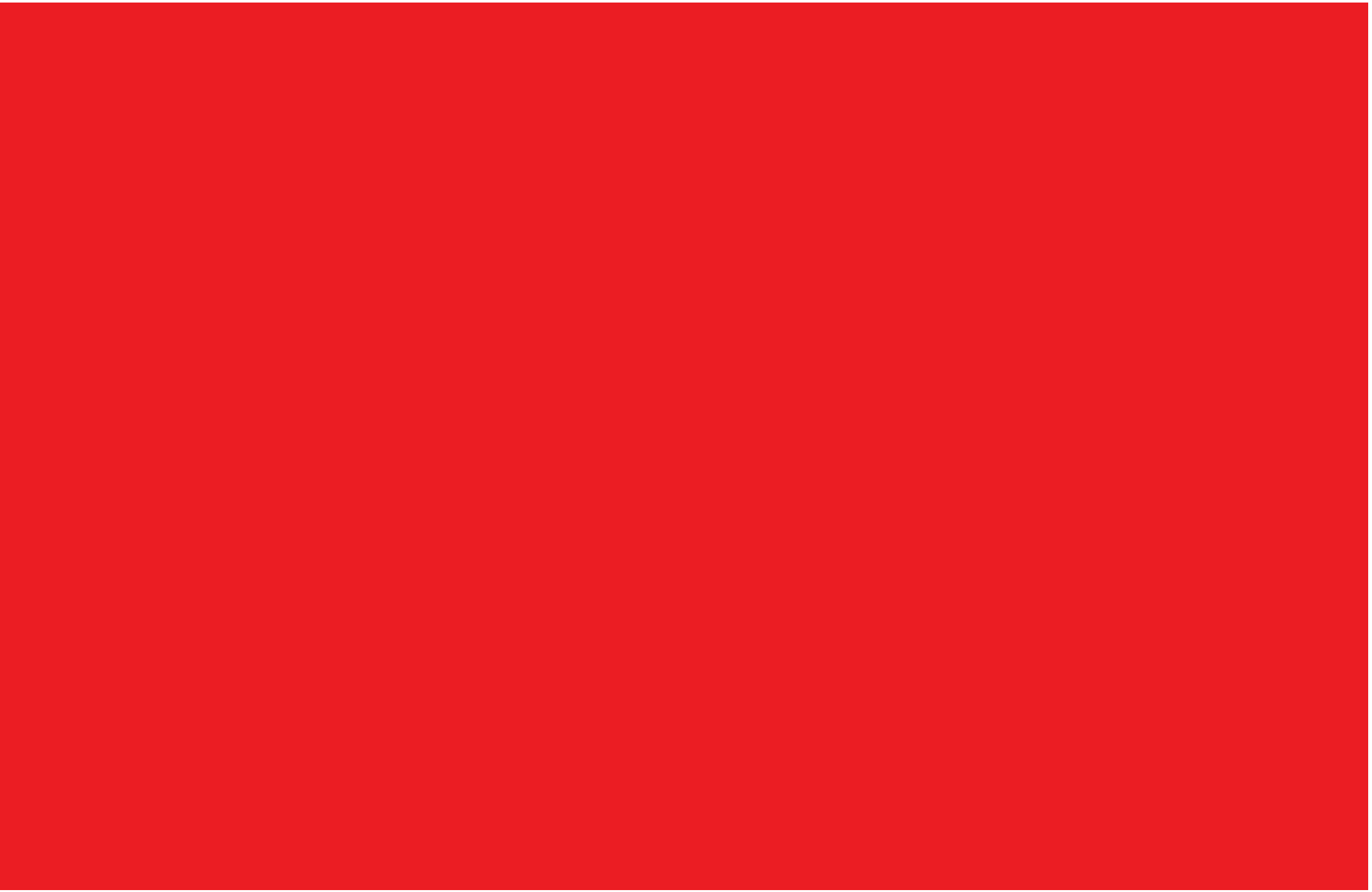
Descale

Smart descale cycle induded, which can automatically dean the pipline together with descale powder or liquid.


4.3" color display screen
Aluminium Tray
Handle


USB port
Printer connection
bacteria filter
Power switch
Power socket
safety vavle
connector for external
flash water tank
connector for external
used water tank


PIOON



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

HD Large screen

HDR 7-inch
PPI > 340
Retina touch display



Strong cooling

Double fan
electronic cooling
Multi-channel copper tube



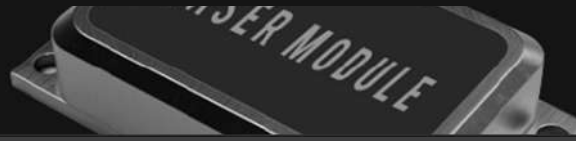
Perfect design

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



Laser Module

Micro-optical integrated laser diodes
20,000h durability



High capacity battery

3600mAh, 30min full power output



TM 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 a expanded horizon of dental treatment because of availability of multiple wavelengths in a single unit

- Inbuilt procedures as Quick Mode, Customization as Expert Mode and Favorites can be saved as Hot Keys
- Inbuilt Protocols for greater safety
- Long Battery hours ensures treatment up to a week
- Super-fast cooling system
- Metallic robust casing
- Direct WIFI access enable to get the latest software updates and other expandable functions



- Compact, ultra high-resolution touch display
- Appropriate clinical tutorial videos for guidance
- 16 GB storage memory provides good space for storing clinical tutorial videos.
- Two hybrid solutions: 450/650/810 and 450/650/980
- Maximize scope of indications
- Effective treatment with specific wavelength for different dental procedure

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/Photobiomodulatioon*

THECHNICAL 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 connector
Aiming Beam	Wavelength - 650nm, Power < 2mW
Dimensions (L*W*H)	225mm*150mm*150mm
Weight	<2KG NW
Battery Capacity	3350mAh
Power Supply	18VDC 5A

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

- E Effective
- A Advanced
- A Affordable

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

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

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- *Prosthodontics*
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- *Aesthetic*
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- *LLLT/Photobiomodulatioon*



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




BLZ Dental



BLZ Dental

The Digital Journey Starts Now

Intraoral Scanner



INO100+

INO100+
Specification

Scan Depth	23mm
Weight	270g
Size	264mm*37mm*46mm
Standard Tip	19.5*17.5 mm (±1mm)
90°Tip	19*19 mm (±1mm)
Mini Tip	16.5*16.5 mm (±1mm)
Motion Control	YES
A.I. Tech	YES
Output Format	STL, PLY, OBJ
Power Supply	DC12V 2A

Light Source	LED
Interface	USB 3.0
A.I. Examination Report	YES
Occlusion Detect	YES
Undercut Detect	YES
3D Model builder	YES
Cloud Platform	YES
Metal Scan	YES
Scanbody Library	YES
Shades Measurement	YES

Minimum
Computer Configuration

Operating System	Windows 10 (64-bit)
CPU	Intel Core i5 11 Gen or above
Memory	16GB
Hard Disc	512G
GPU	NVIDIA RTX 3060 6GB or above
Resolution	1920X1080 60Hz
USB Port	At least two USB 3.0 ports

New Scanning Tips

90°scanning tips, more scanning angles.



Standrad Tip
19.5*17.5mm(±1mm)

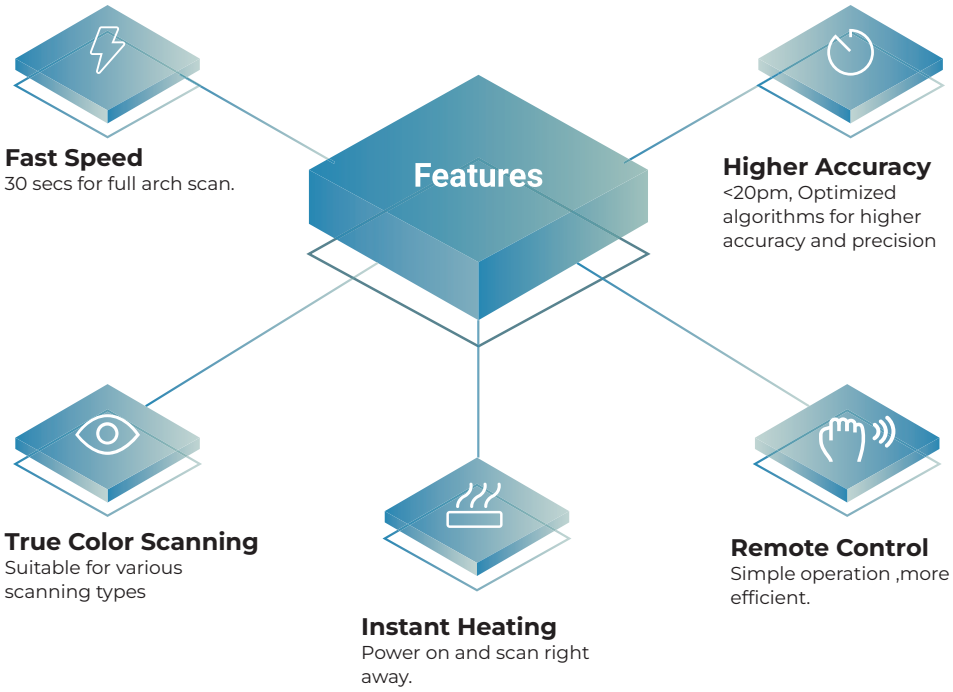


90°Tip
19.19mm(±1mm)



Mini Tip
16.5*16.5mm(±1mm)





Fast Speed
30 secs for full arch scan.

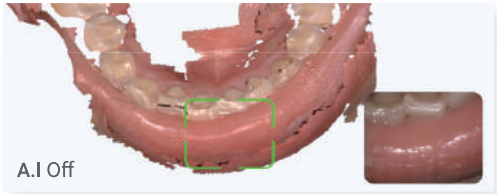
Higher Accuracy
<20pm, Optimized algorithms for higher accuracy and precision

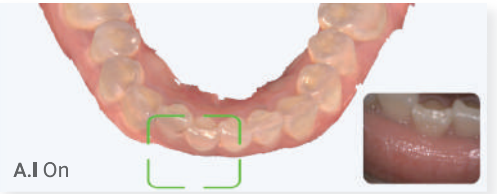
True Color Scanning
Suitable for various scanning types

Instant Heating
Power on and scan right away.

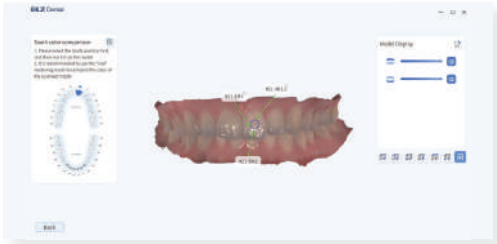
Remote Control
Simple operation ,more efficient.

A.I.SCAN



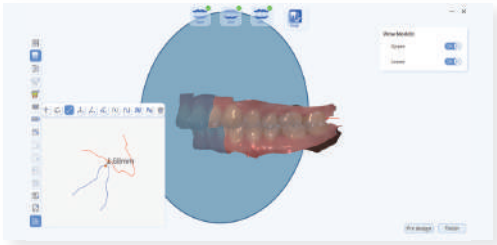


A.I. scanning will Automatically fiber out unnecessary data, be tongue and ps during scanning, which can keepthe scanning process smooth



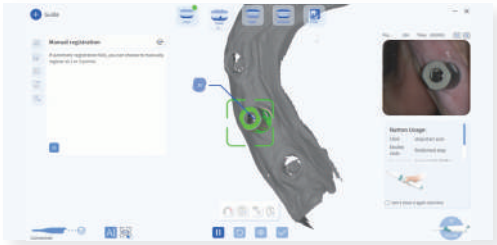
Shades Measurement

Shades comparison can be performed directly in the scanning model, providing an effective reference for doctors



Measuring Tooll

Distance angle, length, ores, and more can be measured in 3D scan data to better understand the details of the prepared teeth



Scanbody Library

The sconbody data in the scanbody library can be automaticky matched during the implant



INO200

Faster, Lighter Smaller

Faster Scan, Smaller Tips, Lighter Weight

Updating your scanning experience

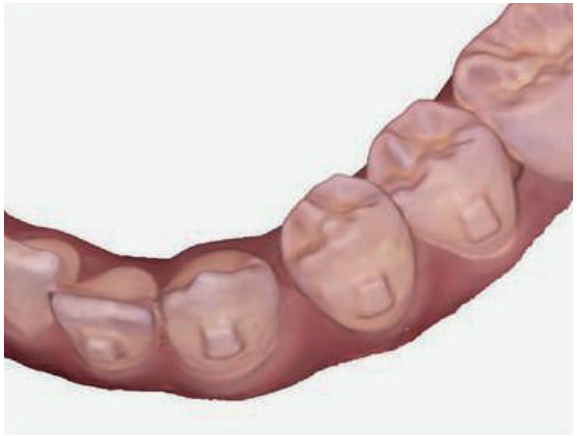
30s	20*17mm	270g
For full arch scan	Tips size	Light weight

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

Leap 500

Wireless

Wireless Freedom
Unrestricted Scanning

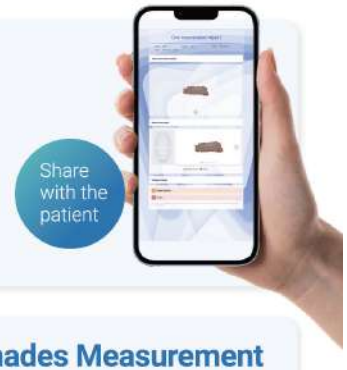


Software functions

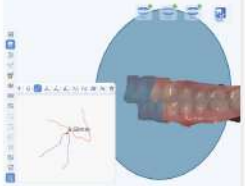
Cloud Platform

A.I. Examination Report

Dentists' smart assistant, realizing better communication with patients.



Measuring Tool



Crown Design



Shades Measurement



Scanbody Library



Orthodontic Simulation

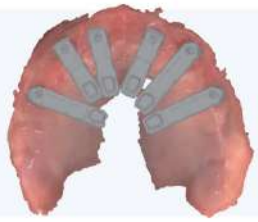


Splint Design



DMC Edentulous Scanning

Precision digital solutions for edentulous case



Real Scanning Cases



Leap 500 Specification

Scan Depth	25mm
Connection Method	WIFI6
Battery Life	2 hours
Number of Batteries	2 pcs
Size	270.8mm*45mm*41mm
Large Tip	17.8mm*16.5mm
Medium TiP	14.85mm*14.45mm
Mini Tip	11.75mm*13.5mm
Motion Control	YES
A.I. Tech	YES
Output Format	STL/PLY/OBJ
Power Supply	DC12V 2A
Undercut Detect	YES
3D Model Builder	YES

DMC

EDENTULOUS SCANBODY KIT

BLZ Dental

DMC Edentulous Digital Scan

Technology-driven Transformation in Edentulous Scanning



AI-Powered Soft Tissue Removal
AI-powered algorithm automatically removes soft tissue to enhance scan accuracy

Minimizes Cumulative Error
Only the scanbody head needs to be scanned, significantly reducing cumulative error

High-Speed Scanning
DMC scanbodies feature uniquely designed ends for rapid recognition and faster scanning

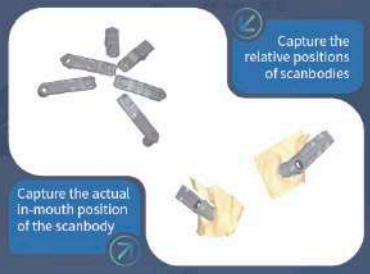
Compatible with Multiple Implant Systems
Compatible with all major implant systems on the market

BLZ Dental
BLZ Technology (Wuhan) Co., Ltd.
TEL: +86-27-6552 0255
WEB: www.blz-dental.com
Email: info@blz-dental.com
ADD: C4166, Wuhan Overseas Scholar Business Park, No.11 Dongxin Road, East Lake New Technology Development Zone, 430074, Wuhan, China

facebook instagram

Smart Scanning in Two Steps

Two-step intraoral scanning delivers precise scanbody date



DMC Scanbody Kit



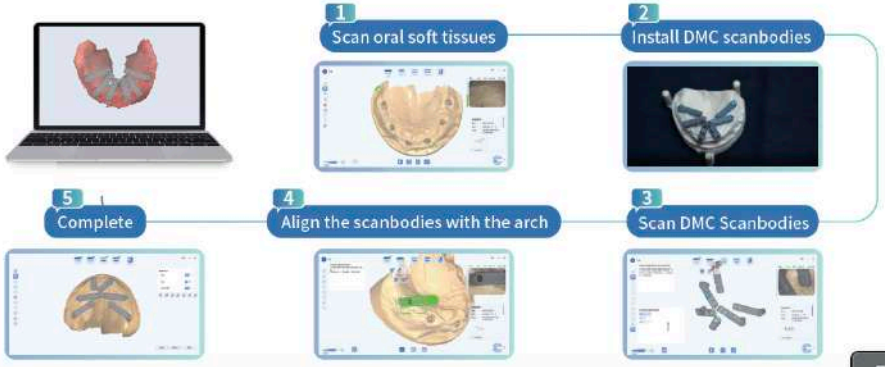
Standard Kit		
	L-type scanbody*5	M-type scanbody*3
	S-type scanbody*2	Screwdriver*2

Optional Kit
The case includes 2 empty slots for optional components and can be customized as needed

Compatible with All Common Implant Systems

DIO IMPLANT · straumann · DENTIS · AlphaBio · MIS · NeoBiotech · Nobel Biocare · OSSTEM IMPLANT · .....

DMC Edentulous Scanning Process



MILLING
MACHINES

BLZ Dental

MO200

5-Axis Dry Dental Milling Machine



Material


Wax


PMMA


PEEK


Zirconia







Holder Types

Half-open blank holder(C-CLAMP)

- Standard
- Enables 5-axis milling up to 90 degrees axis adjustment
- Maximum material thickness 25mm



Auto-Calibration

Greatly improve your efficiency and ensure the accuracy



Applications


Crown


Bridge


Veneer


Inlays/Onlays


Denture


Model cast

BLZ Dental



MO200

5-Axis Dry
Dental Milling Machine

Specification

Processing mode	Dry milling
Millable material	Zirconia, wax, PMMA, composite resin, PEEK
Applications	Crown, bridge, veneer, inlay, onlay, denture, model cast
Number of axis	5
Rotary axis A-axis	±360°
Rotary axis B-axis	-30°~+90°
Tool	12
Input	AC220V 50/60Hz
Loadable workpiece shape	Diameter 98mm, Max Height 30mm
Spindle power	2.5KW
Spindle motor	Servo Motor
Compatible compressed air	≥0.6Mpa
Spindle Speed	≤60000RPM
Accuracy	0.01mm
Size	488×695×790mm
Weight	135kg
Packing Size	580×780×1060mm
CAM Software	Hyperdent

Powerful Spindle
2.5KW

90°Vertical
Milling

Large capacity tool
house for 12 burs

Easy to
use interface



BLZ Dental

ME300

5-Axis Wet
Dental Milling Machine



Material



Titanium



Ceramic



Specification

Processing mode	Wet milling
Millable material	Titanium,Ceramic
Applications	Crown,veneer, inlay, onlay, Abutment
Number of axis	5
Rotary axis A-axis	±360°
Rotary axis B-axis	-30°~+90°
Tool	12
Input	AC220V 50/60Hz
Loadable workpiece	6 Ceramic and 4 abutment
Spindle power	2.5KW
Spindle motor	Servo Motor
Compatible compressed air	≥0.6Mpa
Spindle Speed	≤60000RPM
Accuracy	0.01mm
Size	488×695×790mm
Weight	135kg
CAM Software	Millbox,Hyperdent（10.0 Above）

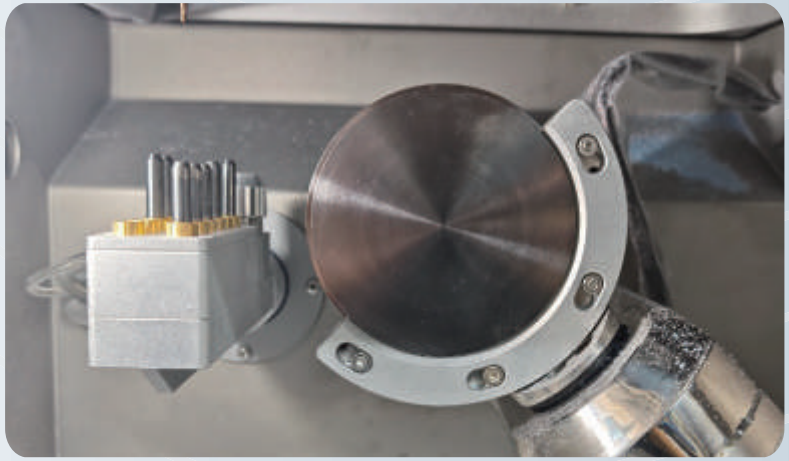


ME350

5-Axis Dry & Wet Dental Milling Machine

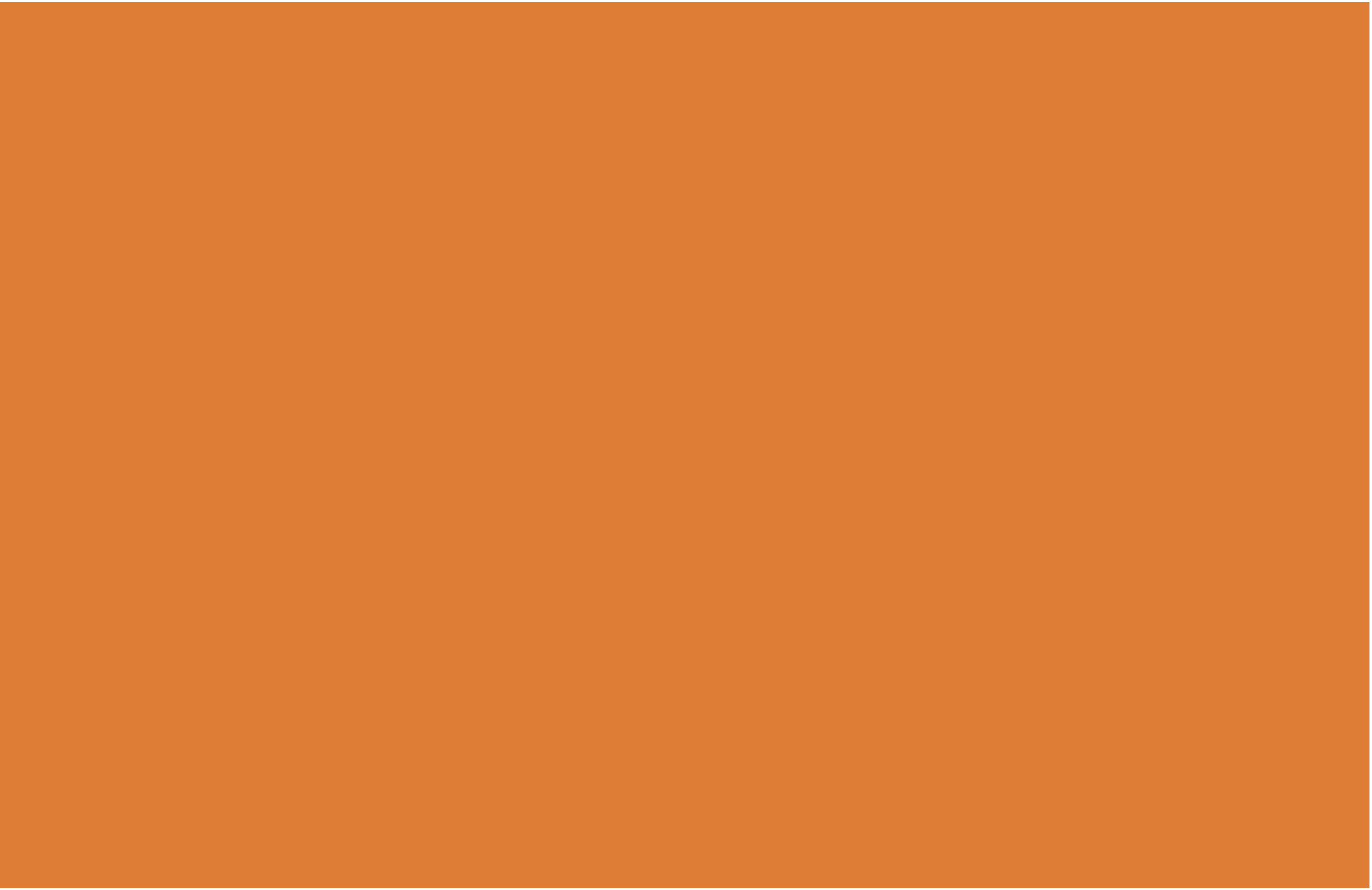
Material





Hardware Specifications	Parameters
Dimensions	488 x 695 x 790mm
Weight	135kg
Power input	Single phase AC220V 50/60Hz,3.8kw
Barometric input	> 0.7Mpa (oil-free and water free)
Speed of mainshaft	60000RPM
Spindle power	2.5KW
Maximum rotation axis	B-axis:-30~+90°, A-axis: ± 360°
Tool Chuck diameter (Clamping)	4mm/6mm (manual conversion)
Number of magazine	12
Working mode	Dry/wet (switchable)
Repeated positioning accurac	5 microns
Ways of the bur changing	Automatic
Spindle cooling	Water cooling


SOCO




SOCO
SOCO
SCM850 Pro
SCM850 pro for Operation Microscopes

Developed specifically for dentists

13 years of experience in the dental industry,
In-depth understanding of the needs of precision dental treatment

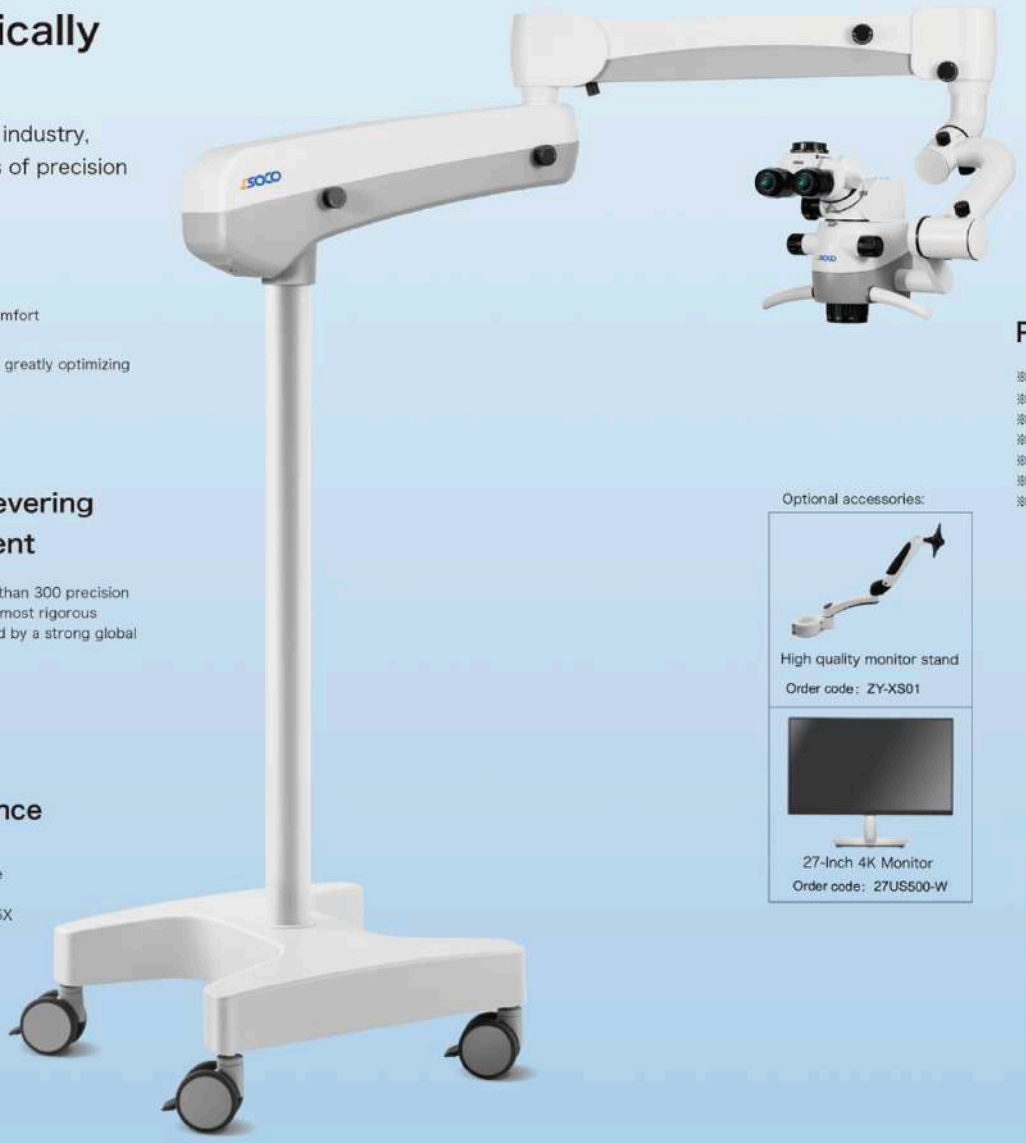
Giving you better visualization and clearer, better comfort during dental surgery .
Allowing you to concentrate fully on your treatment, greatly optimizing yourtreatment results.

We have the spirit of persevering in research and development

SOCO adheres to the spirit of craftsmanship, More than 300 precision components of the microscope have undergone the most rigorous testing and screening. Every component is supported by a strong global supply chain.

Excellent optical performance

※Apochromatic optical system.
※High eye point 12.5X wide-angle eyepiece, adjustable diopter compensation.
※Continuous zoom: The amplification factor is: 0.4~2.5X
※Large zoom objective lens.
※Three-in-one optical splitter: 45° extender, pendulum system, splitter integrated optical device, splitting ratio 2:8 or 5:5.
※Efficient and powerful lighting system.
※Five types of lighting spots are adjustable.



Order code:SCM850 Pro

Powerful stand system

※0~180° variable angle binocular tube
※Convenient interpupillary distance adjustment function
※Host balance force adjustment device
※Balance arm balance force adjustment device
※Bracket system damping adjustment device
※German high-quality bearings and imported gas springs
※Reserve HDMI transmission interface

Optional accessories:

High quality monitor stand
Order code: ZY-XS01

27-Inch 4K Monitor
Order code: 27US500-W

Built-in 4K Imaging System

※Built-in 4K Imaging Real-Time Output System with a Resolution up to 3840X2160
※Powerful Image Processing Capabilities
※USB 3.0 High-Speed Data Transmission
※ Equipped with Wireless Photo/Video Control Footswitch
※Beam splitting interface for external camera

Powerfu stand system

The powerful stand system of SCM850 can easily help you at work.
Always find the right balance in the environment to achieve the ideal body position and uprightness.
Correct posture will allow you to avoid occupational diseases caused by poor posture.

German high-quality gas spring

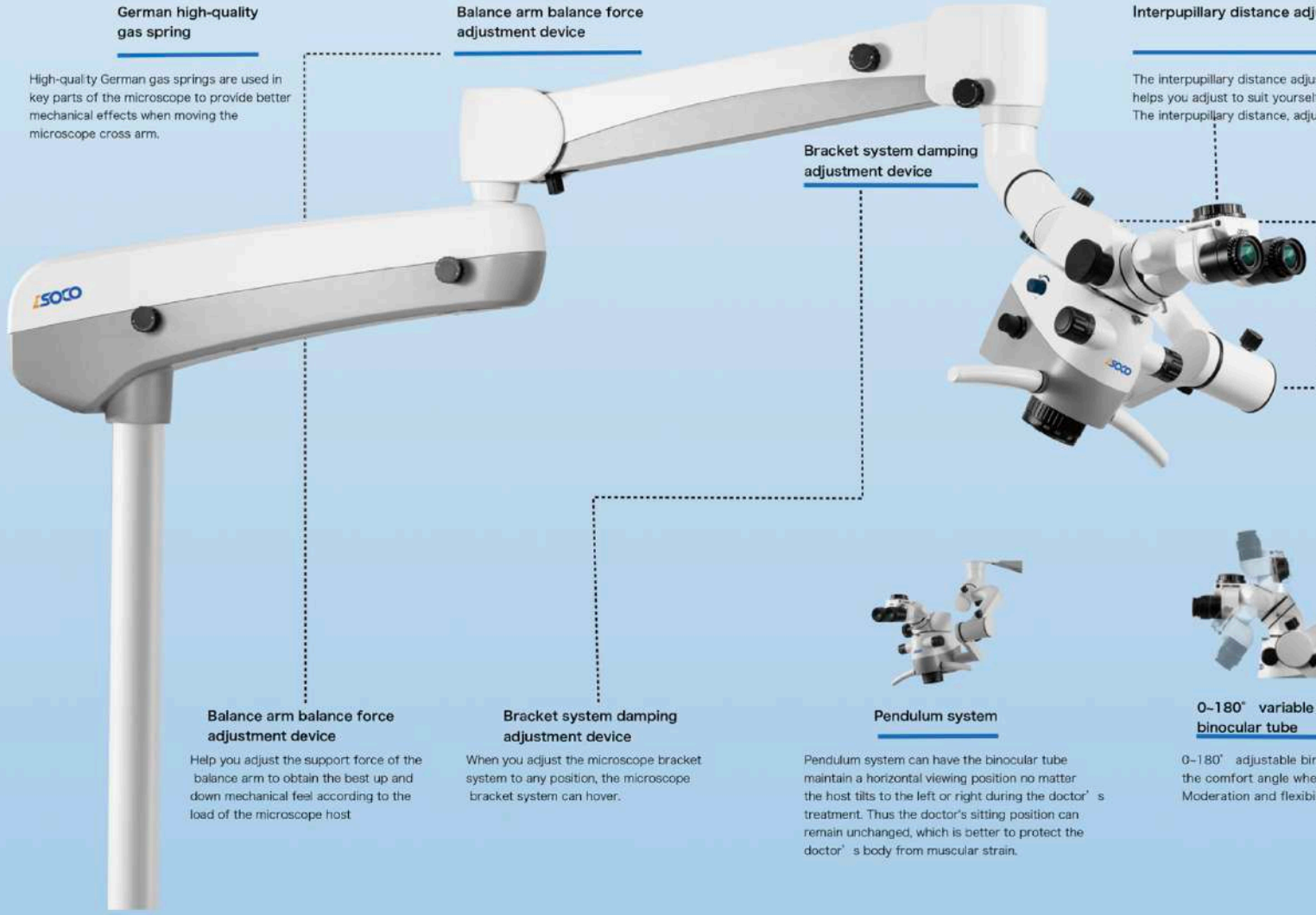
High-quality German gas springs are used in key parts of the microscope to provide better mechanical effects when moving the microscope cross arm.

Balance arm balance force adjustment device

Interpupillary distance adjustment

The interpupillary distance adjustment function helps you adjust to suit yourself
The interpupillary distance, adjustment range is 55-75mm.

Bracket system damping adjustment device



Host balance force adjustment device

The microscope host can be adjusted the torque and damping to maintain a balance status. For example,after loading digital accessories such as cameras and video cameras, the host can be adjusted to keep a balance status.

Balance arm balance force adjustment device

Help you adjust the support force of the balance arm to obtain the best up and down mechanical feel according to the load of the microscope host

Bracket system damping adjustment device

When you adjust the microscope bracket system to any position, the microscope bracket system can hover.

Pendulum system

Pendulum system can have the binocular tube maintain a horizontal viewing position no matter the host tilts to the left or right during the doctor's treatment. Thus the doctor's sitting position can remain unchanged, which is better to protect the doctor's body from muscular strain.

0~180° variable angle binocular tube

0~180° adjustable binocular tube improves the comfort angle when you work.
Moderation and flexibility for wider viewing

Developed specifically for dentists

13 years of experience in the dental industry, In-depth understanding of the needs of precision dental treatment

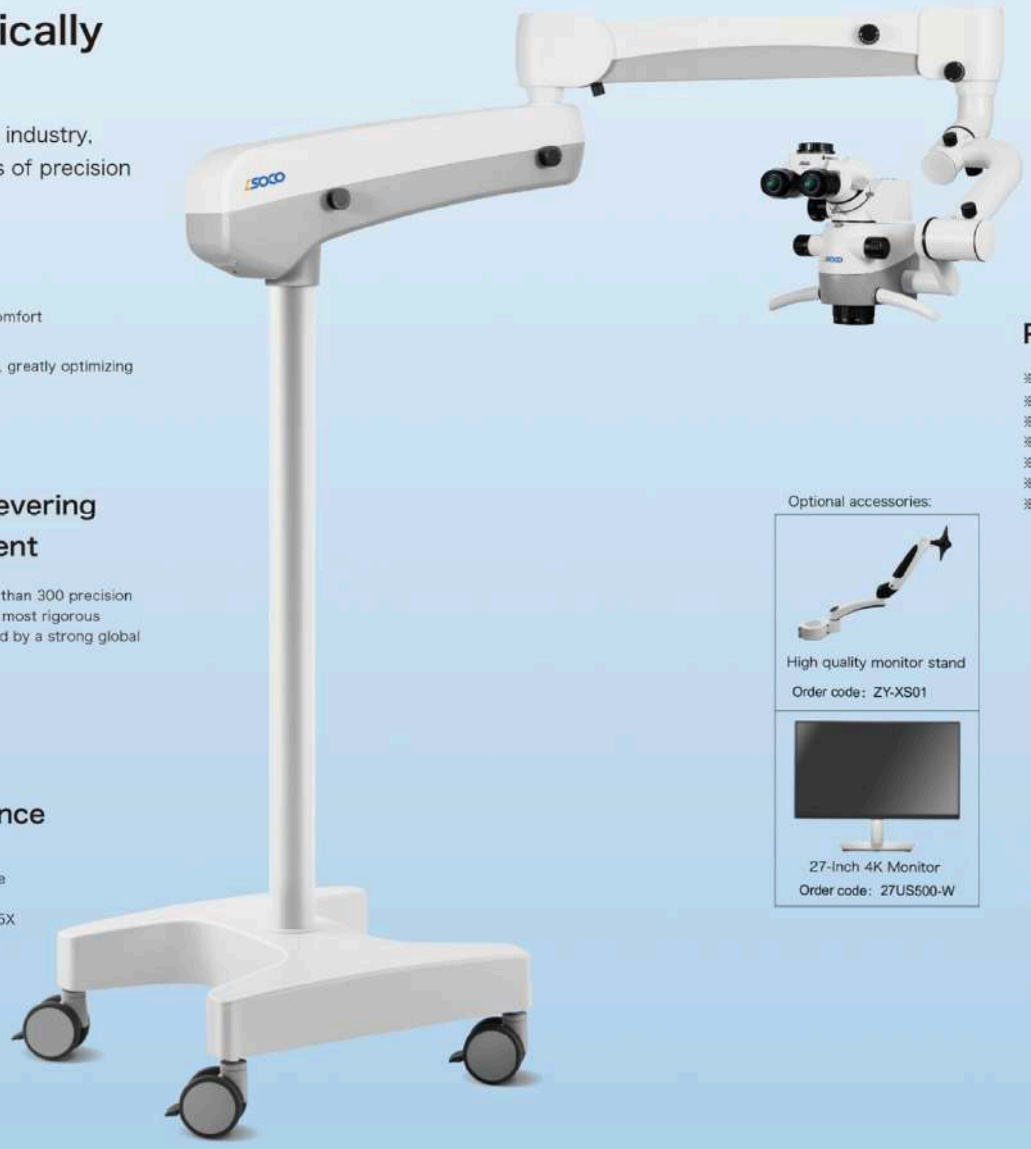
Giving you better visualization and clearer, better comfort during dental surgery .
Allowing you to concentrate fully on your treatment, greatly optimizing yourtreatment results.

We have the spirit of persevering in research and development

SOCO adheres to the spirit of craftsmanship, More than 300 precision components of the microscope have undergone the most rigorous testing and screening. Every component is supported by a strong global supply chain.

Excellent optical performance

※Apochromatic optical system.
※High eye point 12.5X wide-angle eyepiece, adjustable diopter compensation.
※Continuous zoom: The amplification factor is: 0.4-2.5X
※Large zoom objective lens.
※Three-in-one optical splitter: 45° extender, pendulum system, splitter Integrated optical device, splitting ratio 2:8 or 5:5.
※Efficient and powerful lighting system.
※Five types of lighting spots are adjustable.



Order code:SCM850 Pro

Powerful stand system

※0-180° variable angle binocular tube
※Convenient interpupillary distance adjustment function
※Host balance force adjustment device
※Balance arm balance force adjustment device
※Bracket system damping adjustment device
※German high-quality bearings and imported gas springs
※Reserve HDMI transmission interface

Optional accessories:

High quality monitor stand
Order code: ZY-XS01

27-Inch 4K Monitor
Order code: 27US500-W

Built-in 4K Imaging System

※Built-in 4K Imaging Real-Time Output System with a Resolution up to 3840X2160
※Powerful Image Processing Capabilities
※USB 3.0 High-Speed Data Transmission
※ Equipped with Wireless Photo/Video Control Footswitch
※Beam splitting interface for external camera

Excellent optical performance

More comfortable and clearer immersive optical experience.



Efficient and powerful lighting system

The lighting system has high color perception and color reproduction, making it easier to distinguish treatment details, especially forsmall, deep, and narrow cavities. 5 kinds of lighting spots are optional, with lower energy consumption and Longer service life.
SCM850 Pro has the function of raising the balance arm to automatically turn off the light source and pulling it down to automatically turn on the light source.

Apochromatic Optical System
Extended Working Distance
Continuous Magnification Adjustment



Large zoom objective lens

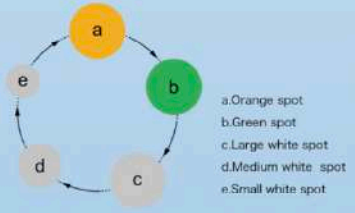
Zoom Objective Lens with a working distance of 195 - 450mm, covering the entire depth of the oral cavity and suitable for all dental applications. The extended working distance provides dentists with greater operational flexibility, enabling each practitioner to find their optimal ergonomic position.

Continuous Zoom System

The SCM850 Pro is equipped with a continuous zoom system:magnification factor (0.4-2.5X), allowing seamless magnification adjustment from 1.6X to 19X. The field of view remains uninterrupted during magnification transitions, ensuring no treatment details are missed.

Five illumination spots are optional

Allows you to focus more on the treatment area when youchoose a small to medium white spot. Lighting of the area to avoid interference caused by lightreflection in other areas, It also gives patients a morecomfortable treatment experience.



a.Orange spot
b.Green spot
c.Large white spot
d.Medium white spot
e.Small white spot

White, green, orange filter modes:



White light source mode: High color rendering index, more color lifelike.



Green light source mode: See clearly in the surgical environment tiny nerve blood vessels.



Orange light source mode:Resin material can be retarded curing time.

Standard large objective lens protection cover:



The protection cover of the large objective lens can avoid splashing of water droplets, impurities, etc. into the objective lens during treatment. And it can be easily cleaned too.

Built-in 4K High-Definition Imaging System

Equipped with an advanced CMOS sensor, delivering clear and natural color representation

4K Real-Time Output:Supports a resolution of up to 3840x2160 at a frame rate of 60 fps, offering four times the clarity of standard 1080p systems.
It ensures higher definition, minimal image loss, and more accurate color reproduction.

Powerful Imaging Management Software: Facilitates both accurate diagnosis and seamless doctor-patient communication.

Compact Design:The integrated camera system is lightweight and compact, reducing the weight of the microscope' s main unit and enabling smoother operation.





4K Camera Module

Combines a 45° optical extender, pendulum system,beam splitter, and 4K camera system into one integrated unit.



Wireless Photo/Video Footswitch

Capture photos and videos effortlessly during treatment by using the wireless footswitch, which can be placed conveniently.



Digital Camera Tube

Side mounted beam splitting interface, optional with Digital Camera Tube to expand external imaging system

Imaging Management System



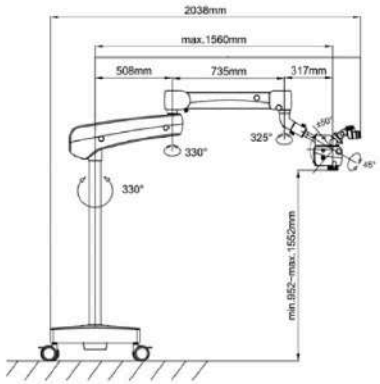
Imaging Software Interface

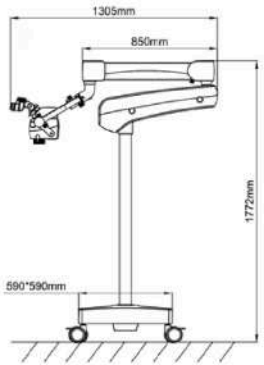
Powerful imaging management features, such as patient information entry into dedicated folders, photo or video comparison, image and video playback functions, frame freeze functionality, and horizontal/vertical image mirroring, make it easier for doctors to perform real-time analysis during procedures and post-treatment management. These capabilities significantly enhance operational efficiency and quality while providing patients with a comprehensive view of precise and detailed real-time dynamic and static images. This ensures thorough communication of treatment plan details and fosters better doctor-patient interaction.



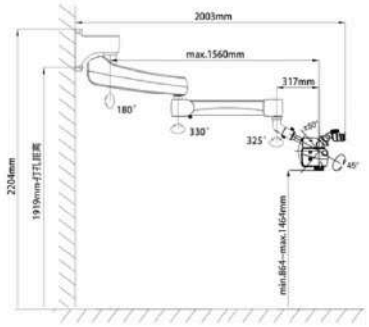
Product Size

Order code:SCM850 Pro

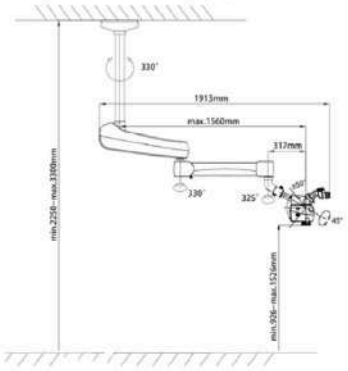




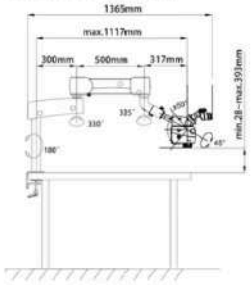
Order code:SCM850 Pro (B)



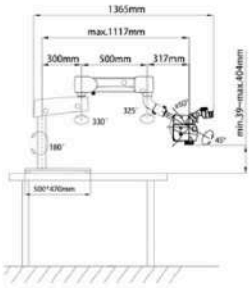
Order code:SCM850 Pro (D)



Order code:SCM850 Pro (TJ)



Order code:SCM850 Pro (TB)



Technical Parameters

Model		SCM850 Pro
Optical system		●
Amplification system	Continuous zoom: amplification factor: 0.4~2.5	●
	Total magnification 1.6x~19x	
Binocular tube	0°~180° variable angle binocular tube with interpupillary distance adjustment mechanism, interpupillary distance adjustment range 55-75mm	●
	High eye point 12.5x wide-angle eyepiece, eyecup height adjustable, diopter compensation range ±7D	
Zoom system	Large zoom objective lens, variable working distance 195-450mm	●
Lighting system	Integrated true color LED,lighting color temperature 5700K, color rendering index >90%, illumination >100000Lux	●
	Integrated orange filter, green filter, white spot size is adjustable in three sizes: large, medium and small	
Camera module	Three-in-one beam splitter: 45° extender, pendulum system, beam splitter integration, split ratio 2:8 or 5:5	●
	Built-in 4K real-time imaging output system with a resolution of 3840x2160, equipped with imaging management software.	●
	Canon, Sony mirrorless camera interface	
Bracket system	Host balance force adjustment device	●
	Balance arm balance force adjustment device	
	Balance arm: turning radius 735mm, ±330° rotation, up and down movement range (up/down) 600mm	
	Rotating arm: turning radius 508mm, ±330° rotation	
	Maximum net arm span: 1560 mm	
	Integrated base, 3-inch silent medical casters, base size: 590×590mm	
Appendix	Monitor Stand	○
	HD monitor	○

SCM 600



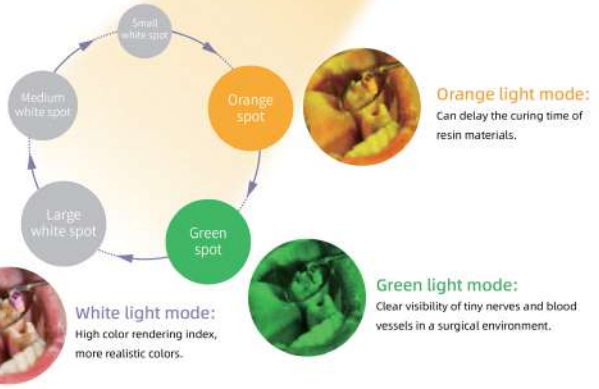
SCM 600



Five illumination spots are optional

When you choose white medium or small light spots, the more focused illumination of the treatment area allows you to focus more, reducing the interference caused by light reflection in other areas, allowing you to have a more focused treatment experience.





Orange light mode:
Can delay the curing time of resin materials.

Green light mode:
Clear visibility of tiny nerves and blood vessels in a surgical environment.

White light mode:
High color rendering index, more realistic colors.



Objective lens protection cover

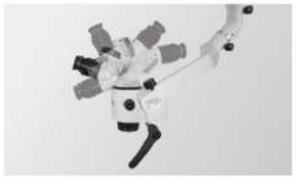
The large objective lens protection cover can avoid the splashes such as water drops and impurities brought by the treatment entering the large objective lens, so as to avoid the damage of the large objective lens, and is convenient for cleaning.

Ergonomic Design of the Bracket System

SOCO focuses on optimizing the mechanical structure, ergonomic support, help you in the work environment, more convenient and accurate to adjust the microscope to any angle you need, in order to obtain more comfortable working condition.



0°-180° Variable Angle Binocular Tube



The 0-180° adjustable binocular tube enhances your comfort and flexibility while working, providing you with a wider viewing angle.

Pendulum System



The pendulum system keeps the binoculars level when the microscope body tilts left or right, allowing you to maintain a comfortable seated posture during treatment.

Interpupillary distance adjustment



The interpupillary distance adjustment function helps you adjust to a suitable interpupillary distance, with an adjutable range of 55-75mm.

High-quality gas springs from Germany



The key parts of SCM600 use German-high-quality gas springs.This provides better mechanical effects when moving the microscope cross arm.

The Base



The base holds the microscope in place and is simple and easy to care for.

Silent Casters for medical



The 3-inch silent medical caster allows you to move the microscope more quietly and steadily.

SCM600 series Operation Microscope

14 years of deep experience in dentistry. Have a deep understanding of the needs of fine dental treatment.

The SCM600 Operation microscope combines outstanding optical performance with advanced imaging capabilities, delivering high-definition magnified visualization for precise operation and enhanced surgical accuracy–significantly improving treatment success rates and workflow efficiency.
With its integrated imaging system, it enables visualized diagnosis and treatment, facilitating doctor-patient communication, teaching demonstrations, and case sharing.



Apochromatic Optical Design

- German-imported multi-layer coated glass
- Large Zoom objective
- 12.5x high-eye-point wide-angle eyepiece
- Five-level magnification factor

New Lighting Concept

- Higher-quality LED medical light sourceFive types of lighting spot adjustment
- Built-in green and orange filters

Ergonomic Bracket Design

Optimization of mechanical structure swing arm design, large arm span, a wide range of telescopic characteristics to adapt to a variety of angles and placement requirements.

- High quality gas spring imported from Germany
- 0-180 ° variable angle binocular tube
- Pendulum system
- Convenient pupil distance adjustment

External High-definition Imaging system

- Adaptation: Canon and Sony cameras
- Adjustable focus knob
- Optional wireless photo system
- Optional direct power supply for camera

Understand the industry, better understand you. More comfortable experience, more considerate details.

While treating patients, back pain and soreness are almost a feeling you have experienced every day after working in the past. The humanized bracket design of SOCO operation microscope significantly improves the working position of doctors, while enhancing surgical accuracy and treatment effectiveness, effectively alleviating professional fatigue and achieving a dual upgrade of efficiency and comfort.

Superior Optical Performance

High-definition vision, precise operation,-significantly improving the success rate and safety of surgery.





Apochromatic optical system design

- Using German-imported special optical glass (EDGlass) with unique optical properties: lower dispersion, higher transmittance, extremely high transparency, helping to reduce color aberration in images, providing clearer and sharper images.
- Lenses are coated with anti-reflective coatings and multi-layer coating materials viaadvanced E-beam Evaporation processing technology, which reduces light reflection,increases transmittance,and prevents glare.
- During the assembly of microscopes, each lens is subject to strict surface inspection and accuracy testing to ensure the optical performance of the finished product.

High-definition 12.5X wide-angle eyepiece



High eye-point wide-angle eyepiece allows a wider field of view, so that the user's eyes do not have to be close to the eyepiece,which is more convenient for the user to operate. The special diopter design is more suitable for the use of glasses wearers.

Five-level magnification factor



The SCM600 has five-level magnification factor (0.4x, 0.6x, 1x, 1.6x, 2.5x), the total magnification is 1.8x-19.1x to meet your different treatment needs. Low magnification for field localization, Medium magnification for clinical procedures, High magnification for detailed examination.

Large Zoom objective



Working distance: 200-415 mm, a large zoom objective for general dentistry, its working distance is between 200 mm and 415 mm, focusing range completely covers the entire oral depth, to meet a variety of treatment needs.

Multiplier (optional)



Magnification 1.6X, increase magnification by 1.6X. Convenient switch design, turn on the switch will be the current magnification increased by 1.6 times.

New Lighting Concept



LED Illumination System delivers exceptional lighting performance, with adjustable brightness and optional filters to meet diverse clinical needs.

Featuring high-quality medical-grade LED light source, it offers superior color perception and true-color reproduction, ensuring precise visualization of treatment details—especially ideal for small, deep, and narrow cavities.

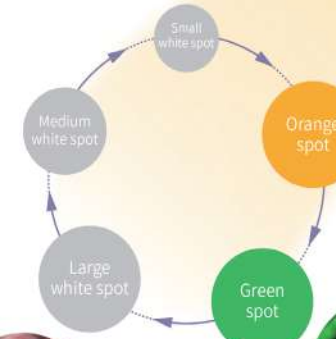
Integrated true-color LED medical light source with a color rendering index CR>90%, illuminance of 65000luX, Color temperature 5700k.

- Equipped with built-in orange and green filters to meet the needs of different surgical scenes.
- Fast start-up. energy-saving lifespan ≥60000 hours, low heatgeneration, suitable for long-term use.

Five illumination spots are optional

When you choose white medium or small light spots, the more focused illumination of the treatment area allows you to focus more, reducing the interference caused by light reflection in other areas, allowing you to have a more focused treatment experience.







Orange light mode:
Can delay the curing time of resin materials.



White light mode:
High color rendering index, more realistic colors.



Green light mode:
Clear visibility of tiny nerves and blood vessels in a surgical environment.



Objective lens protection cover

The large objective lens protection cover can avoid the splashes such as water drops and impurities brought by the treatment entering the large objective lens, so as to avoid the damage of the large objective lens, and is convenient for cleaning.

External High-Definition Imaging System

The SCM600 builds a high-definition imaging system through an external digital camera, enabling visualized diagnosis and treatment, and making doctor-patient communication easier.



Three-in-One Beam Splitter



45° extender, pendulum system, splitter Optical integration, split ratio 2:8 or 5:5.

Digital Camera Tube



The digital camera tube links the microscope to a digital camera, capturing the microscope's view via the Three-in-One Beam Splitter port. Its focus adjustment knob enables quick fine-tuning for optimal image clarity.

Compatible with Canon and Sony Cameras



SCM600 Imaging System External Camera Interface Adaptation, Canon and Sony cameras.

Wireless Camera System

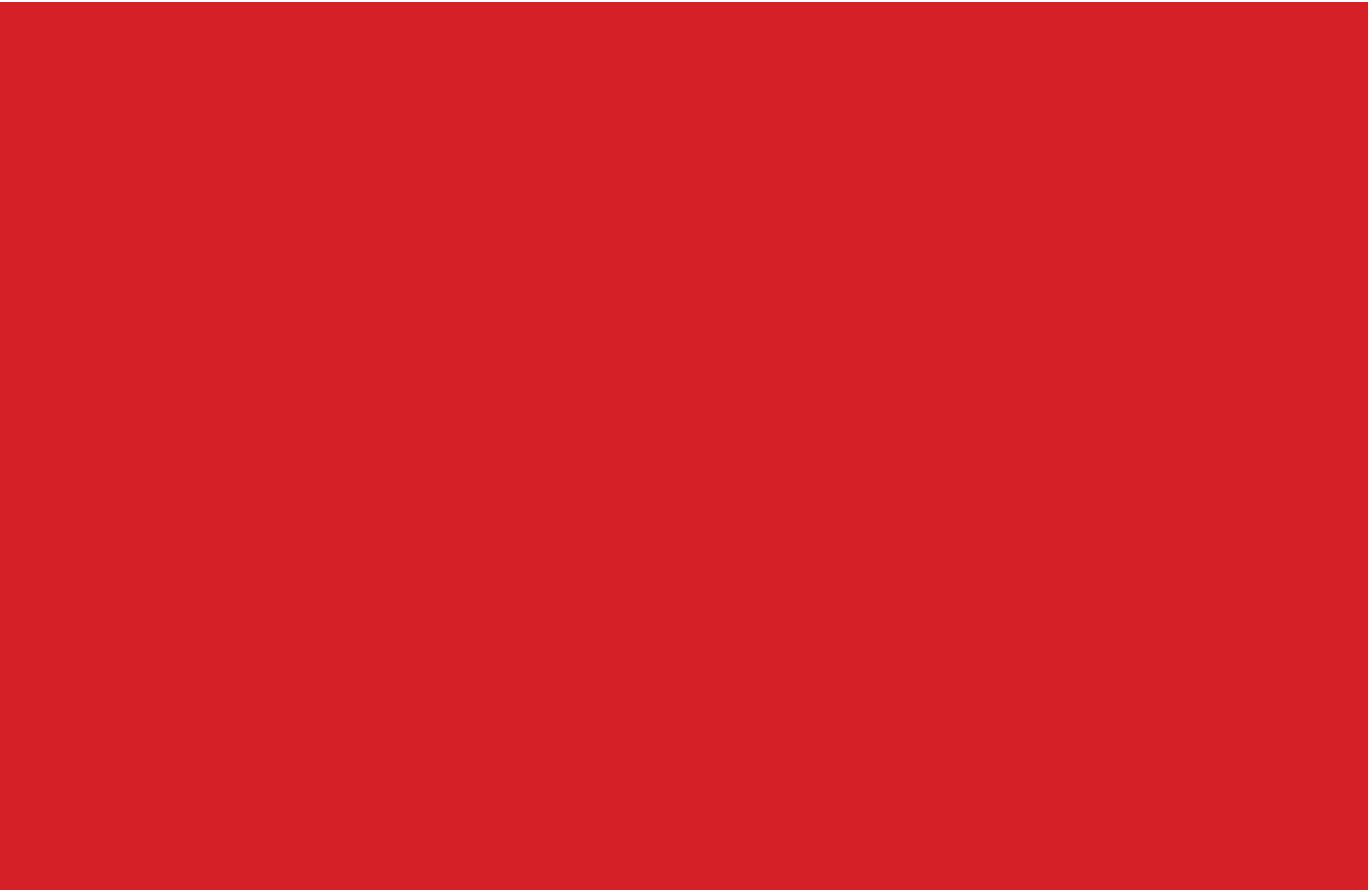


While you are treating a patient, you can use the wireless camera system. The system captures the photos you need at any time, and the wireless footswitch can be used at any time.

Advantages of the External HD Camera System

- The full HD camera system provides very clear details and high-resolution images.
- Photography function.You can take pictures or record videosat any time during treatment.
- Continuous real-time video signal streaming, viewable throughterminal devices.
- Image data can be stored on a USB drive or transmitted to compatible management devices at any time.
- Full digital HDMI output port.
- Foot control switch, allowing you to take high-definition pictures at any time during the process.


REFINE
An NSK COMPANY



VAT-3
Activator



Basic technical parameters

- Dimension: 165mm×28mm
- Power adapter input: AC 100-240V, 50/60Hz 0.4A
- Power adapter output: DC 5V/1A
- Main unit input: DC 3.7V 1500mAh
- Charge time: About 4 hours
- Power gear: 2 gears
- Tip vibration frequency: 45kHz±5kHz
- Tip main amplitude offset: <200um


VAT-3 Ultrasonic Activator


Ergonomic Design
• Wireless Handpiece More Covenient for Clinical Application
• One-Click for Modes Switching
• Anti- Slip Shell
VAT-3



Multi-Function For Different Clinic Application

- Gold Tip for Broken Instrument Separation
- Blue Tip Can Be Prebended For Bending Canal
- Silver Tip for Slim Root Canal Cleaning



Autoclavable Tip Avoid Cross Infection



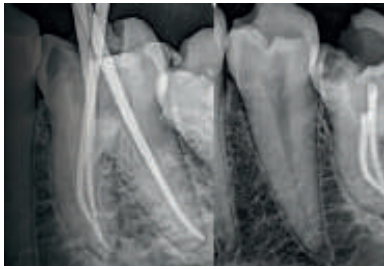

GT-1
REFINE
2.5W
2000

Intelligent Real-time Angulation System Enables More Accurate Images



0.4MM FOCAL SPOT ENSURES
High-Definition Images

Provide dearer dental films with details for various needs



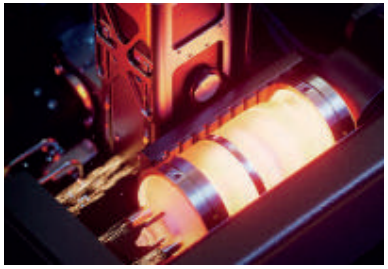
2500MAH LITHIUM RATTERY HIGH CAPACITY PROVIDES LONGER ENDURANCE

400 dentu con be token on one full charge



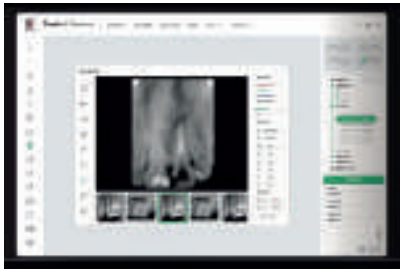
HIGH FREQUENCY BUT LOW RADIATION

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



YOUR TRUSTED ALD IN DIAGNOSIS

Casy-to-use, fine Imaging and quick exp
Your reliable and sold chuice



SPECIFICATIONS

Model	R1	R2
Detector Technology	APS CMOS	APS CMOS
Scintillator	CsI	CsI
Theoretical Resolution	25lp/mm	25lp/mm
True Resolution	20p›mm	20p›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





Multi-languages

Convenient for dentists in different countries and regions



User-Friendly

Simple user interface and easy

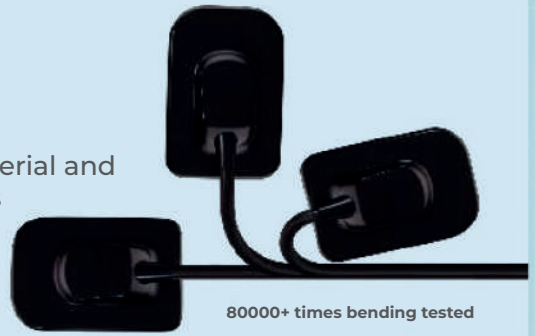
Stable

without +50000 Over 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 Perc

MaxFill-G



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℃ 180℃ 200℃ 230℃), 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





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: ⩽0.5W
Measurement Voltage: AC 200mV
Measurement Current AC: AC 100μA
Control Unit Dimensions: L130 mm × W112 mm × H23.5 mm
Weight: 370 gms (including battery)



iMotor

- 360°rotable 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



REFINE
An NSK COMPANY

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/cm^2,1s,2s

4.Normal Mode :

P2 :1000-1200mW/cm^2,5s,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.

BETTER CROSS INFECTION CONTROL

MaxPiezo7+ & MaxPiezo7
ULTRASONIC SCALER

Power input	220VAC 50Hz/110VAC 60Hz
Main unit input	24VAC 50Hz 1.3A
Frequency	28kHz±3kHz
Water pressure	0.1 bar-5bar(0.01MPa-0.5MPa)
Package size	800mm*500mm*140mm
Weight of main unit	1.8Kg



REFINE
An NSK COMPANY

MaxPiezo 5

Ultra Sonic Scalers



Touch Panel For Easy Operation and Perfection

Efficency 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

REFINE
An NSK COMPANY

N2000L

Built-in Ultrasonic

SCALERS



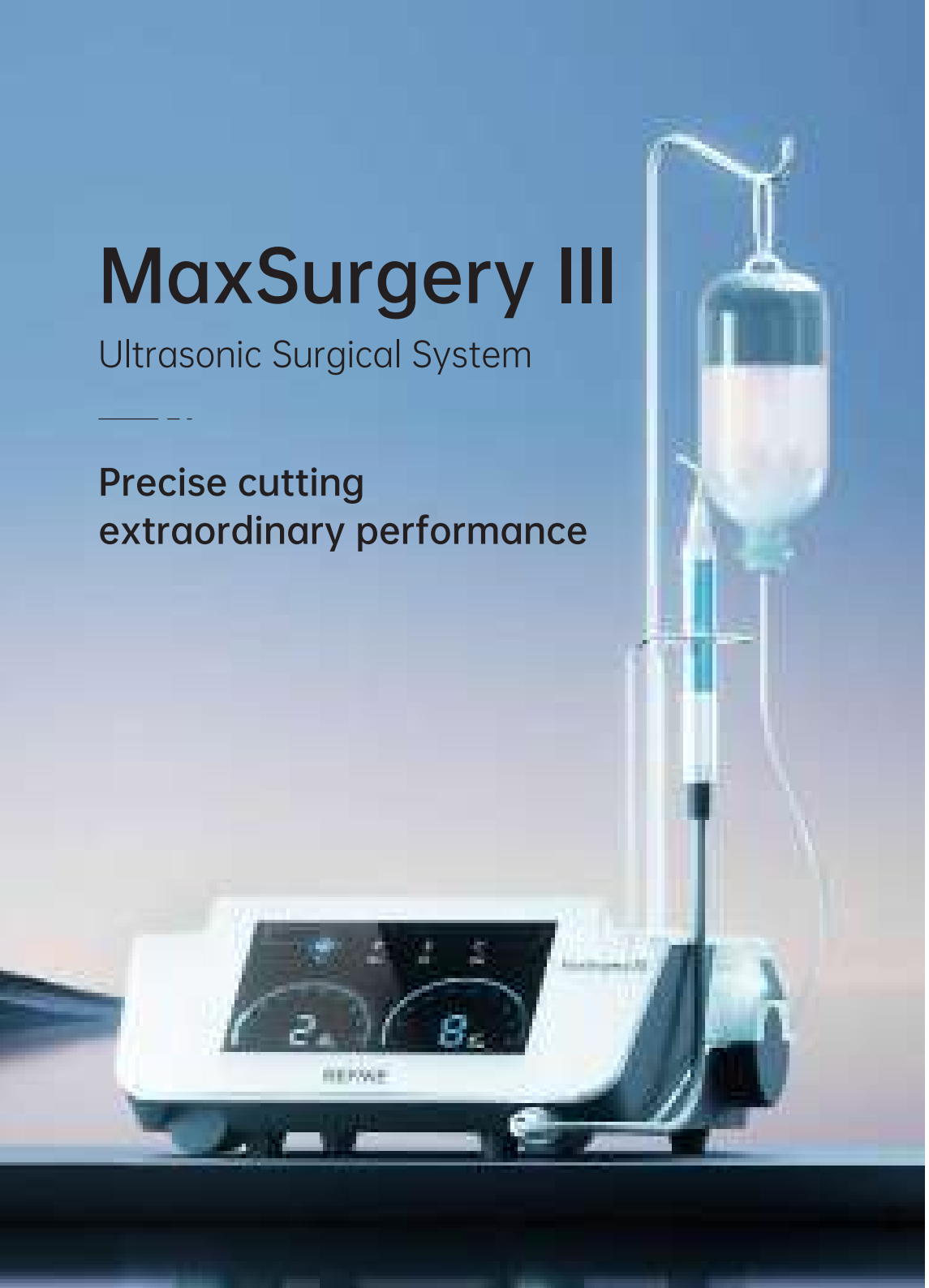
REFINE
An NSK COMPANY

N3000L

Built-in Perio-endo

Ultrasonic scalers





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:
< 20μm



Radial amplitude:
< 200μm



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.

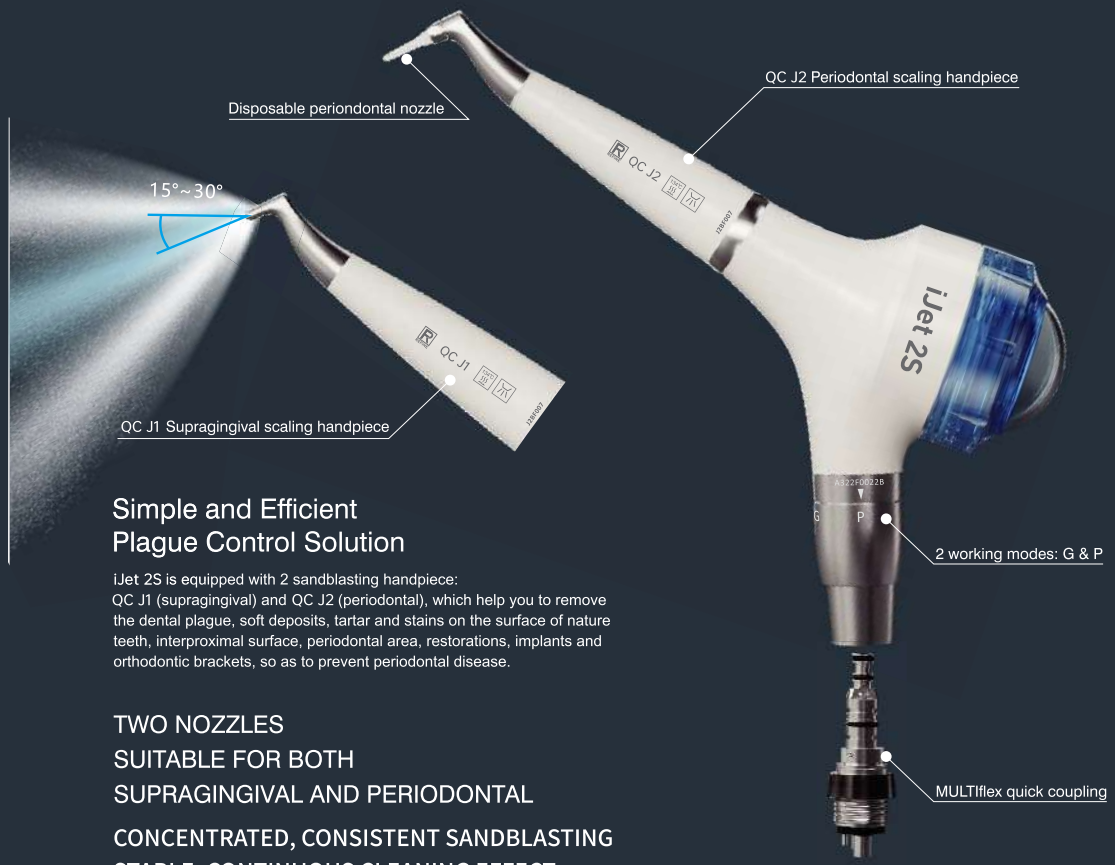
Only activated on hard tissue

Oscillation frequency 26 ± 3KHz

Only activated on hard tissue, no hurt to softtissue



iJet 2S



Simple and Efficient Plague Control Solution

iJet 2S is equipped with 2 sandblasting handpiece:
QC J1 (supragingival) and QC J2 (periodontal), which help you to remove the dental plague, 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.

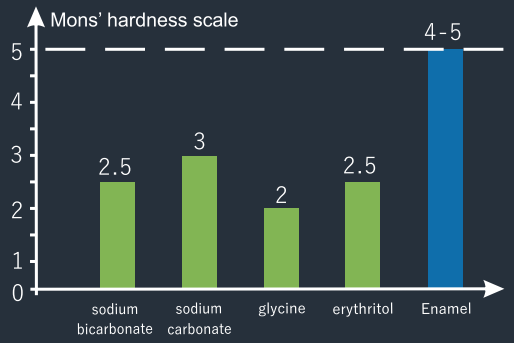

Supragingival scaling


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


JUNWEI

Junwei-dental



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 wast 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.

Junwei-dental



JW-032B

Parameters \ Unit model	JW032-B
Available units set	1-2
Voltage (V/Hz)	220/50
Unit Power (W)	850
Work Pressure (Mpa)	0,5-0,8
Flow (UMin)	100
Storage Volume (L)	45
Noise (db (A) J)	⩽62
Product Weight (kg)	28
Product Size (mm)	400*400*620

Junwei-dental



Parameters \ Unit model	JW032-A
Available units set	2-3
Voltage (V/Hz)	220/50
Unit Power (W)	1100
Work Pressure (Mpa)	0.5-0.8
Flow (UMin)	124
Storage Volume (L)	55
Noise (db (A) J)	≤ 65
Product Weight (kg)	43
Product Size (mm)	650*400*600


CX
创昕

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



- Voltage 220v
- Unit power 1100w
- Work pressure 0.5-0.8 mpa
- Flow 124l/min
- Noise 65db
- Production size 65×40×60 cm

YOUSI
DENTAL HANDPIECE

DY-119

4.0X Ergo Loupes

1 Ultra Lightweight: 51.2g
2 Magnifcation 3.0X 4.0X 5.0X 6.0X
3 Working Distance:450mm
4 Field of View:70mm
5 Depth of Field: 80mm







Characteristic

1. Ergonomic design to free the doctor›s cervical vertebra
2. Pupil distance can be adjusted, wide adaptability
3. It can be flipped up to facilitate communication between doctors and patients
4. Can be used with headlights, the field of view is brighter, easy to operate

DATE 4X 6X

Magnification	work distance	depth of field	view
4X	450mm	80mm	70mm
6X	450mm	55mm	50mm



WIDELY APPLICABLE

Can relieve eye fatigue by parallel line of sight state


DENTISTRY


INTERNAL MEDICINE


BEAUTY CARE


STUDY

YOUSI
DENTAL HANDPIECE

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 beaning 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.

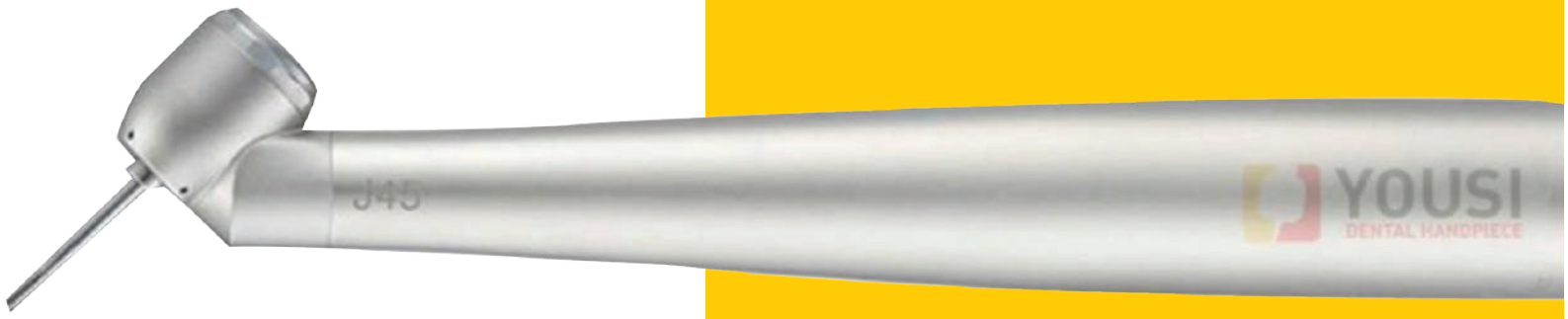






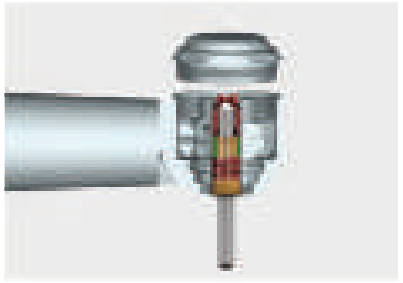
CONTRA
YOUSI 45

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



YOUSI
DENTAL HANDPIECE

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 ouselves, 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





YOUSI L - KIT



CONTRA PUSH BUTTON
LOW SPEED



CONTRA KEY
LOW SPEED



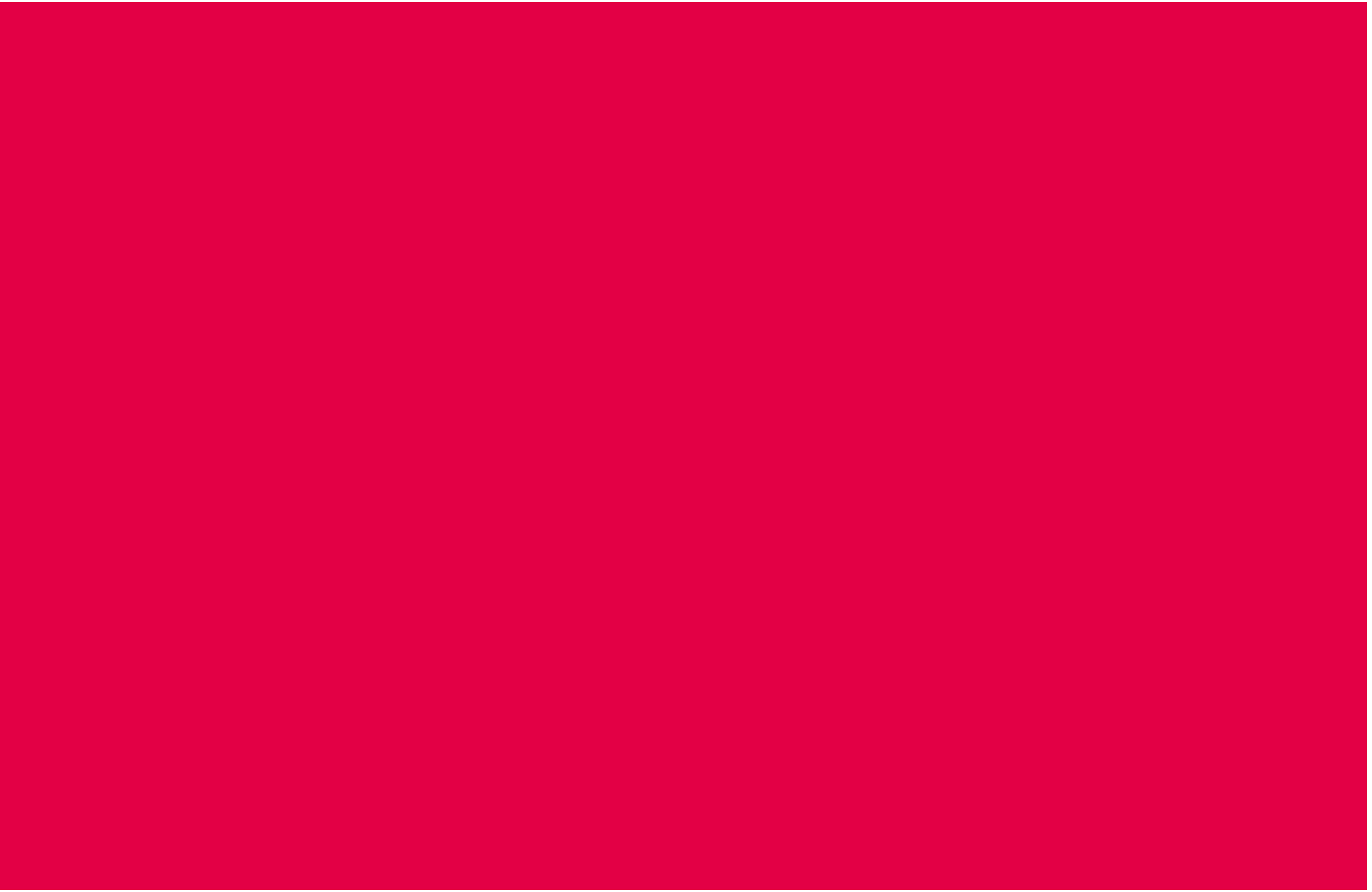
CONTRA YOUSI
45 DEGREES



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



MAGNIFIER LOUPES
HEAD MOUNTED DENTAL LOUPE



LUNX

- High Performance LED System
- High Rotation Speed (320,000 – 400,000 RPM)
- 22 Watt High Torque Power
- Triple Water Spray System
- Shock-Resistant Bearing System
- Complete Spare Parts Availability
- Company Warranty & Support
- Built for Professional Daily Use





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


HYA

HYA

HYA Handpieces **- Reliable Performance Cost-Effective Solutions**

• Best Quality:

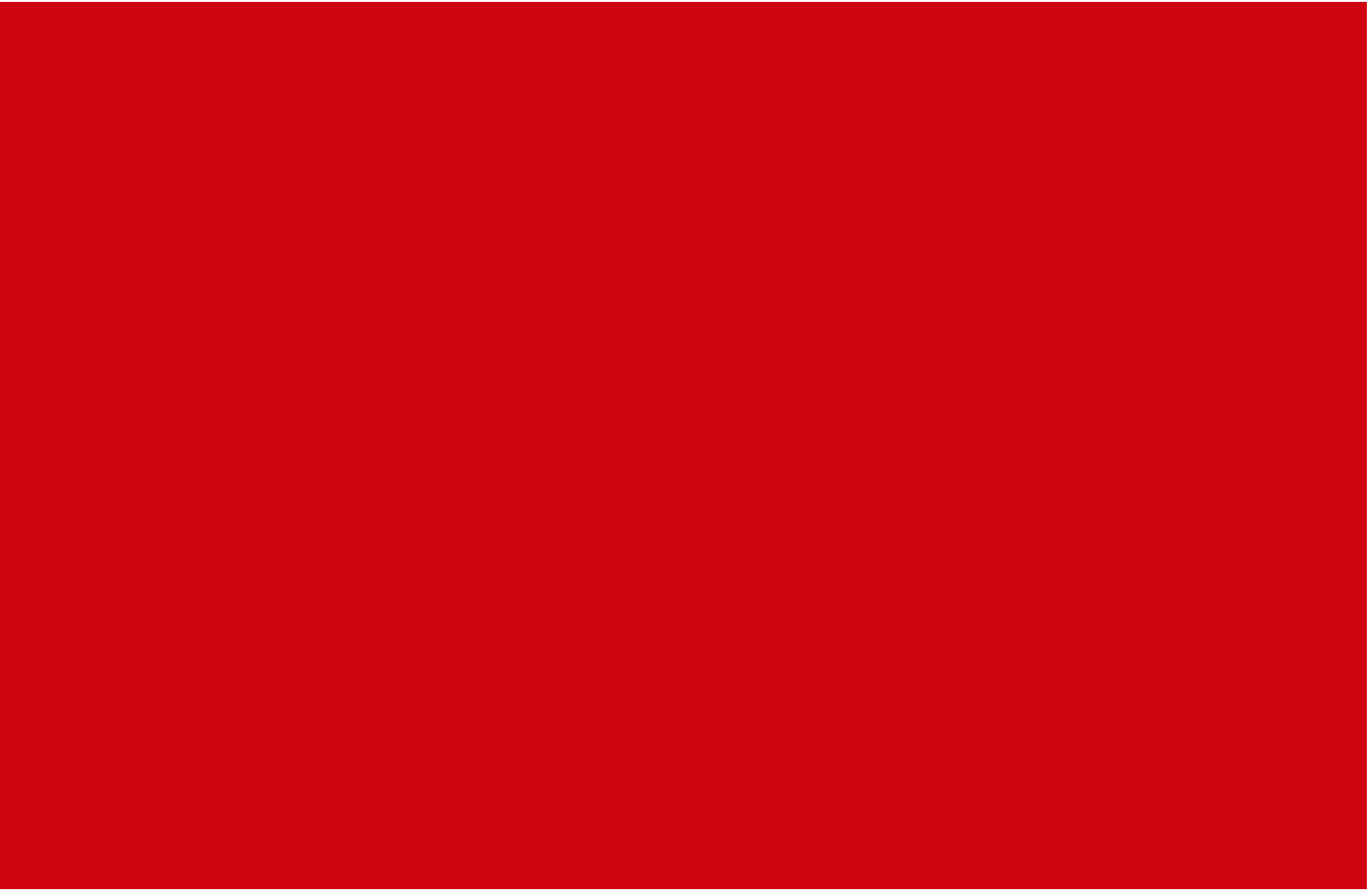
High-performance handpieces designed for durability and precision.

• Cost-Effective:

Maximize value without compromising on performance.



Other Equipments



Other Equipments

Sealing Machine





Ultra Sonic Cleaner



Water Disteller



Intra Oral Cam

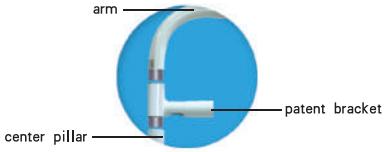


Touch pen



Hd camera

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



Patent bracket

unique creative multi-functional bracket without breaking 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

fuji

PHOSPHORPLATE



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*17.2cm6.8cm
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*17.2cm6.8cm
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*17.2cm6.8cm
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*17.2cm6.8cm
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



TS-1L Torque wrench
for KAVO SonicFlex
scaler tip



Footwitch 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 machaine



LED Curing Light (Wireless)



(El kasr El Einy)

29 Bostan El Fadel,St - El kasr El Einy, Cairo
36 Bostan El Fadel, St - El kasr El Einy ,cairo

(Nasr city)

4th Ismaeel El Kabany From Al Tayaran St.
Infront of The Medical Insurance Hospital

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For Maintenance