SIGER

Passion
on dentistry

SIGER DENT

Zhuhai Siger Medical Equipment Co., Ltd

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Siger , your perfect supplier of a dental equipment overall solution

Company Profile

Zhuhai Siger Medical Equipment Co., Ltd is a professional manufacturer of medical devices. Since its founding in 2005, Siger is concentrating on R&D, manufacturing and sales of dental equipment. Siger has obtained nearly 100 national patents for technological innovation achievements, which enables the company to be awarded the title of national "high-tech enterprise" for six consecutive times. Siger products have been exported to more than 100 countries and districts globally, earning positive recognition by experts and users from domestic and international market.

In the face of fierce competition in the global market, Siger has been continuously investing in researching and developing new products. On one hand, we make great efforts to maintain the technological leadership of existing products and enrich the production line, such as steam sterilizer, X-ray unit, suction unit, etc. On the other hand, the company gradually develops the informatization and intelligence of all products. Siger IoT program has become one of the main themes in company for next five years.

First-class brand with high-quality products and services are the relentless pursuit of Siger. We are always willing to cooperate with all our partners to seek win-win situation and common development for a brighter future!

CNC Machining Center

Yiwei is a large-scale CNC machining center under Siger group, with a facility of more than 3,000 square meters. There are dozens of advanced CNC machining equipments and nearly 50 professional staff in the CNC machining base.

CNC bending machine

CNC machining center
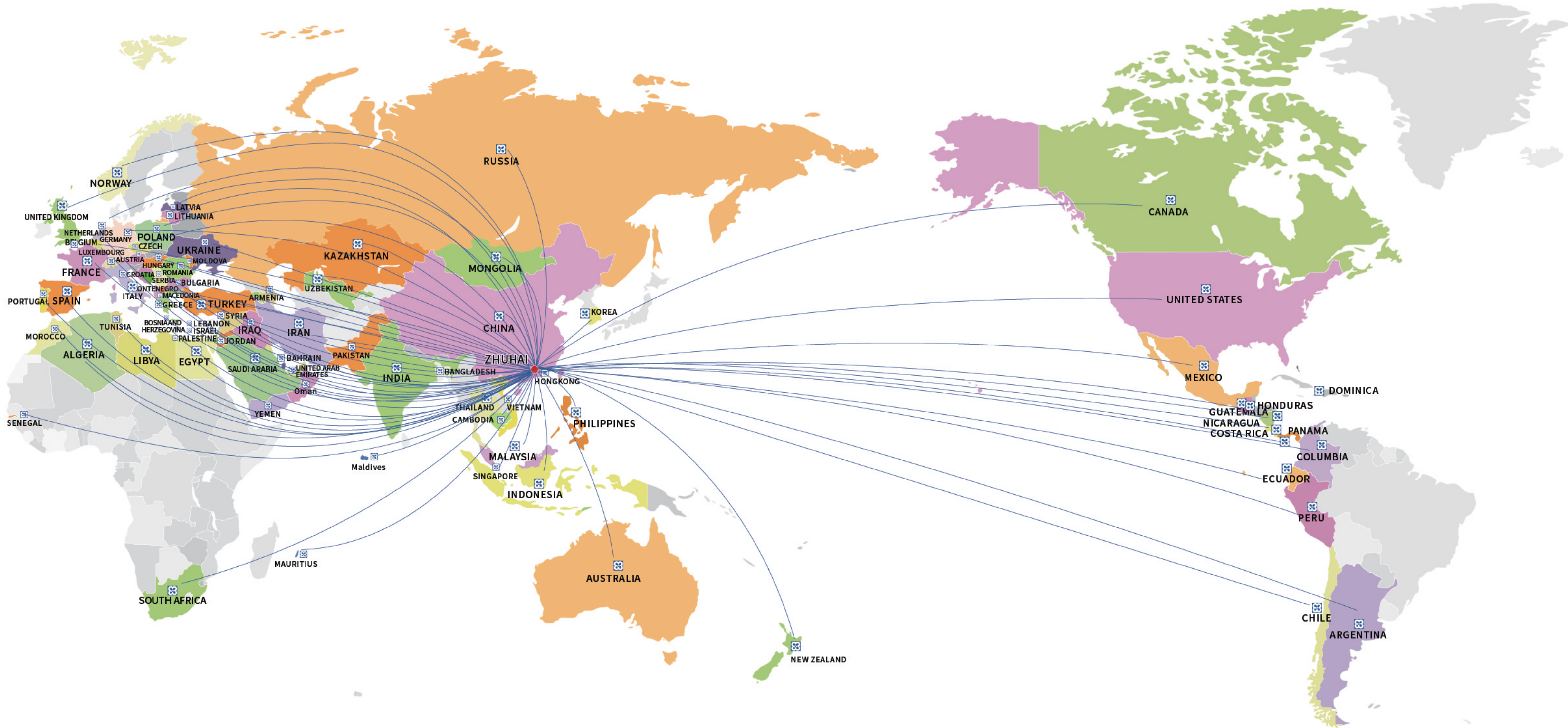

Along with the establishment of CNC machining base,
⊚ The quality of metal parts with standardized production is stable.
⊚ The metal parts are much precise.
⊚ Working efficiency is greatly improved.

Automatic welding robot   Laser cutting machine

Sales Network

SIGER products have been launched into **more than 100** countries and regions all over the world.

Map labels:
NORWAY, UNITED KINGDOM, NETHERLANDS, BELGIUM, GERMANY, LUXEMBOURG, AUSTRIA, CZECH, POLAND, LATVIA, LITHUANIA, HUNGARY, ROMANIA, MOLDOVA, UKRAINE, KAZAKHSTAN, RUSSIA, MONGOLIA, FRANCE, CROATIA, SERBIA, BULGARIA, ITALY, MONTENEGRO, MACEDONIA, GREECE, TURKEY, ARMENIA, UZBEKISTAN, PORTUGAL, SPAIN, MOROCCO, TUNISIA, BOSNIA AND HERZEGOVINA, LEBANON, ISRAEL, PALESTINE, JORDAN, SYRIA, IRAQ, IRAN, ALGERIA, LIBYA, EGYPT, SAUDI ARABIA, BAHRAIN, UNITED ARAB EMIRATES, Oman, PAKISTAN, INDIA, BANGLADESH, CHINA, ZHUHAI, HONGKONG, KOREA, SENEGAL, YEMEN, Maldives, THAILAND, VIETNAM, CAMBODIA, PHILIPPINES, MALAYSIA, SINGAPORE, INDONESIA, MAURITIUS, SOUTH AFRICA, AUSTRALIA, NEW ZEALAND, CANADA, UNITED STATES, MEXICO, DOMINICA, GUATEMALA, HONDURAS, NICARAGUA, COSTA RICA, PANAMA, COLUMBIA, ECUADOR, PERU, CHILE, ARGENTINA

S90 Smart dental unit

S60 specialized for implant

SigerSmart™ intelligent control system

- 7-inch android-based doctor control pad, interactive experience greatly improved.
- Siger E1 LED brushless micromotor, accurate control of the instruments.
- BioTube Pro™ full automatic disinfection system for complete water lines.
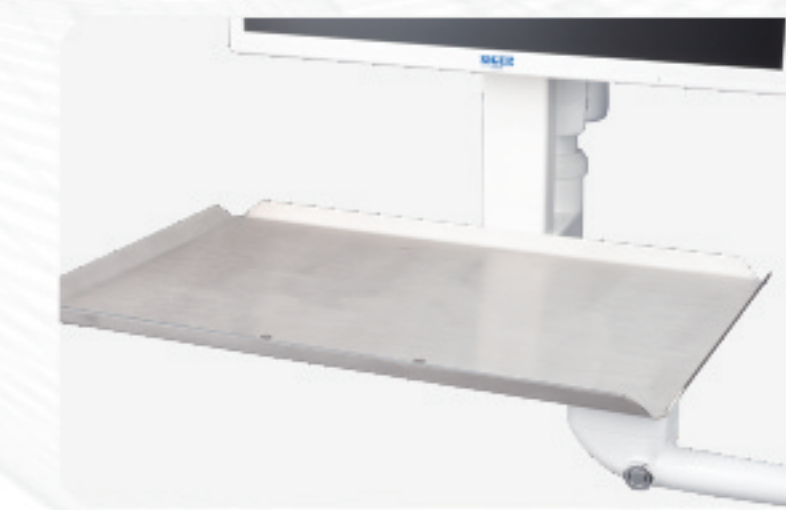- Brand new patient chair with SmoothControl™ comforting system.

3 doctor programs meet the needs of personalized setting for multiple users.

Disinfection process is visible and disinfection records are traceable.

Perfectly matches the surgical needs

- Split-design of water unit and patient chair, keep stable and safe.
- Large size medical-standard stainless steel instrument tray.
- Shadowless LED operation lamp for implant surgery.
- SmoothControl™ patient chair provides excellent supports, keep patient relaxed.

Stainless steel tray with plenty of space for tools.

High-quality LED dental lights provide doctors with a clear working field of vision.

S30 U200

Combination of practicality and technology

⊙ New electronic control system, 7inch touch screen with powerful and diverse functions.

⊙ The working state of dynamic instruments is visualized.

⊙ Built-in pipeline design makes treatment space tiny and clean.

⊙ V5 LED light, color temperature and brightness are adjustable.

Adding distilled water and disinfectant from top, easy and convenient.

Magnetic door for convenient service and maintenance.

Cost-effective choice

⊙ New electronic control system, 7inch touch screen with powerful and diverse functions.

⊙ The newly designed system can meet the personalized settings of 3 doctors

⊙ Ergonomically designed patient chair with synchronized movement and safety switches.

On/Off of dynamic instruments is controlled by the photoelectric sensors.

Patient chair with scientific linkage design.

U₁₀₀

V₅₀₀₀

Stable / Reliable / Hygiene

⊕ New-designed doctor panel with touch button.
⊕ 3 doctor programs with 15 memory positions in total.
⊕ Water unit with 90°rotation provides more space for dentists.

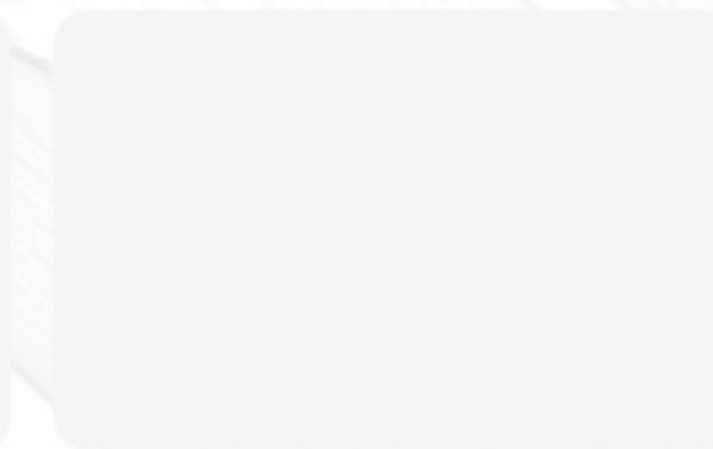Detachable ceramic spittoon for cleaning.

Detachable cup filler for cleaning.

Detachable suction system for cleaning.

Humanized design to meet different clinical needs

⊕ New electronic control system, 7inch touch screen with powerful and diverse functions.
⊕ The working state of dynamic instruments is visualized.
⊕ Brand new patient chair with SmoothControl™ comforting system.

Rotary upper tray T3 is upgradeable.

Full-featured assistant element.

V2000

V1000

Efficient / Convenient / Thoughtful

⊕ New electronic control system, 7inch touch screen with powerful and
   diverse functions.

⊕ The working state of dynamic instruments is visualized.

⊕ Instrument holder with photoelectric sensor is durable and easy to clean.

⊕ light rod bar provides easy and fatigueless operation.

On/Off of dynamic instrument is
controlled by the photoelectric
sensor.

Adjustable and visualized
instrument parameters, ensure
accurate treatment.

Designed in the spirit of practical needs

⊕ 16 buttons doctor control panel, 5 preset memory positions.

⊕ Intelligent linkage program by only one button to control cup filling, bowl rinsing,
   chair position and operating light on/off of LED light.

⊕ Multifunction foot control.

V2 LED dental light with
sensor switch.

Assistant Element with tray.

V6000

Simulating electronic control system

Pneumatic control system

- ⊕ Large instrument table can accommodate three trays, which provides enough space for numbers of instrument and tools.
- ⊕ Foldable instrument holder is greatly convenient to use.
- ⊕ The water system is separated from the circuit to reduce the failure rate.
- ⊕ Fast connection system for dynamic instrument provides great convenience for replacing tubes (Optional)

One click to start BioTube™ flushing and disinfection system

Disinfection process is visible and disinfection records are traceable.

Regular flushing/disinfection for the dental chair water lines

- ⊕ Prevent biofilm formation on the pipes wall.
- ⊕ Reduce the risk of iatrogenic cross-infection.

Disinfection holder

SIRAY PLUS

(Floor-mounted)

- The vertical arm allows 360 degrees rotation for easy positioning.
- Lifting patient seat is well-designed and comfortable.

Four mounting ways are available according to actual clinic environment

Floor-mounted   Wall-mounted   Floor Stand   Mobile Stand

► High frequency DC constant voltage control technology

Compared to power frequency technology:
- Better image quality.
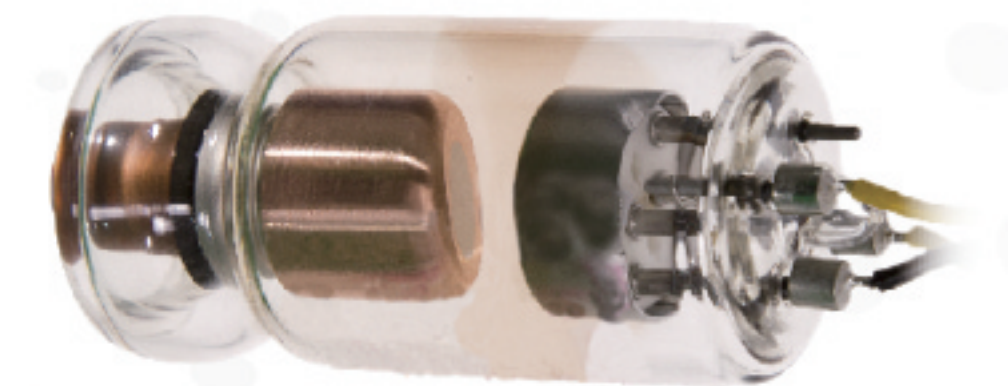- Compared to traditional AC generators, it greatly reduces the radiation dose.
- Extend the service life of the X-ray generator.
- The amount of radiation output is not affected by voltage fluctuations.

► Scientific design of X-ray tube head

- Unique ergonomic design makes it convenient to move and easy for cleaning.
- Scientific weight ratio makes sure the smooth rotation and positioning without drifting.
- Scale for the cone angle makes the positioning easy and accurate.

► High quality image

- Advanced high frequency and constant voltage DC generator.
- High quality DC X-ray tube.
- Focal spot of 0.4mm delivers sharp images with optimal details.
- The selectable kV values (60kV / 65kV / 70kV) and mA values (2mA / 7mA) provide excellent image for diagnosis and research.
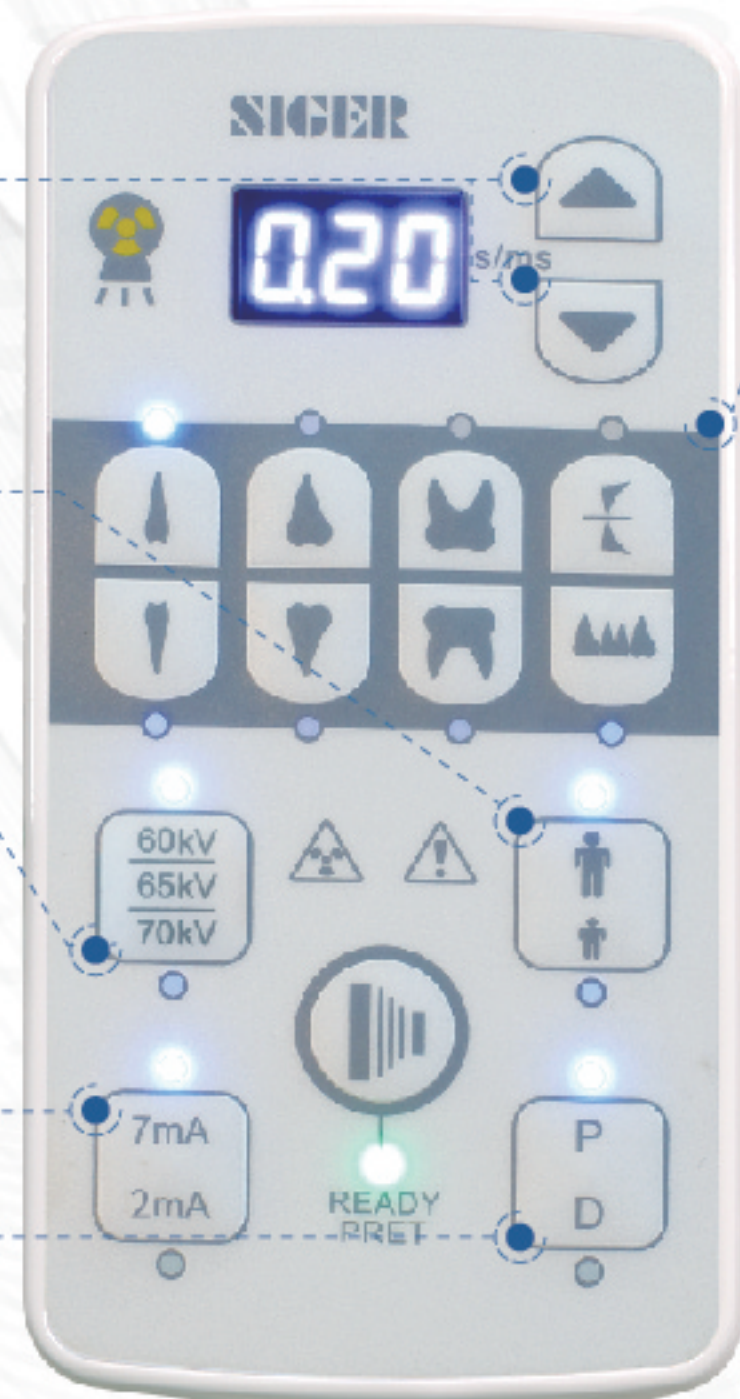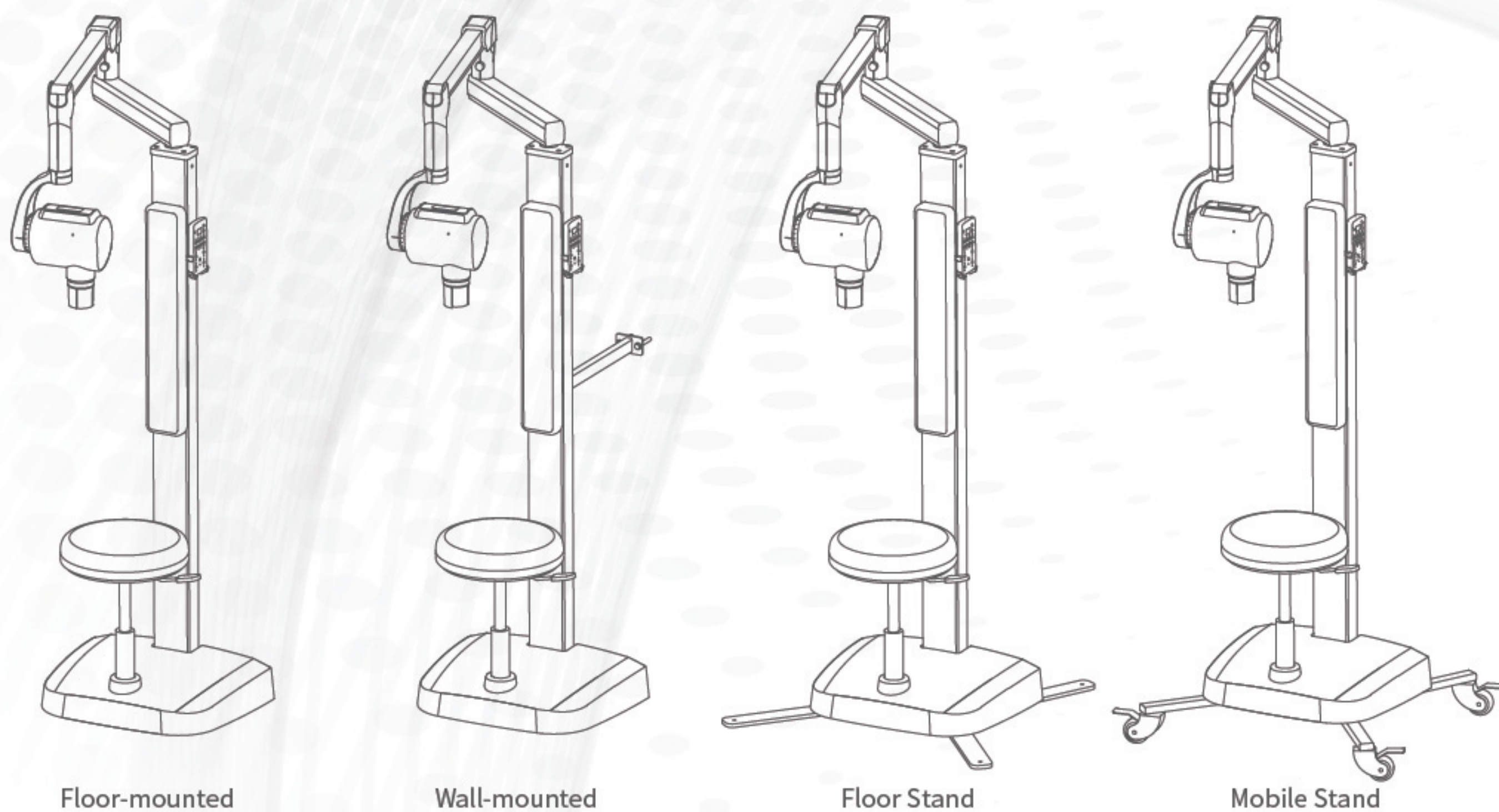
► The combination of convenience and personalization

- The exposure time can be adjusted between 0.02 and 2 seconds.
- Adult/child mode selection key is available.
- 60kV,65kV and 70kV anode pressure is selectable.
- 2mA and 7mA anode current is selectable.
- Film-based mode, phosphoric mode and digital imaging mode selection key is available.

8 preset programs can be chosen quickly according to the type of teeth.
- Maxillary anterior and mandibular anterior programs
- Maxillary premolar/canine and mandibular premolar/canine programs
- Maxillary molar and mandibular molar programs
- Maxillary occlusal and mandibular occlusal programs
- Bite-wing program

CONTROL PANEL

- Optional remote control

SIRAY
(Wall-mounted)

SIRAY Max

SIRAY Mia

► Humanized design of support arm

⊕ Accurate positioning is a prerequisite for high-quality images.

⊕ SIGER SIRAY support arm with a new optimal design make sure of smooth and flexible movement and stable positioning, which brings pleasure experience for operator.

► Humanized design

⊕ The exposure time can be adjusted between 0.02 ～ 2.00S.

⊕ High capacity battery, continuous exposure for 300 times after fully charging.

⊕ Exquisite and compact appearance, easier to handle.

⊕ 1.9kg light weight design, more comfortable to hold.

⊕ Build-in overheat protection procedure, effectively protect the tube.

⊕ Several languages are optional for operation interface.

► High quality image

⊕ Advanced high frequency and constant voltage DC generator.

⊕ 0.4mm focal point, clearer image.

⊕ 2mA tube current and 70kV tube voltage to guarantee stable imaging quality.

► Convenient imaging options

⊕ Adult/child mode is selectable.

⊕ Tooth type exposure program is selectable.

⊕ The exposure time can be adjusted and memorized.

⊕ Film-based mode、CR and digital imaging mode selection key is available.
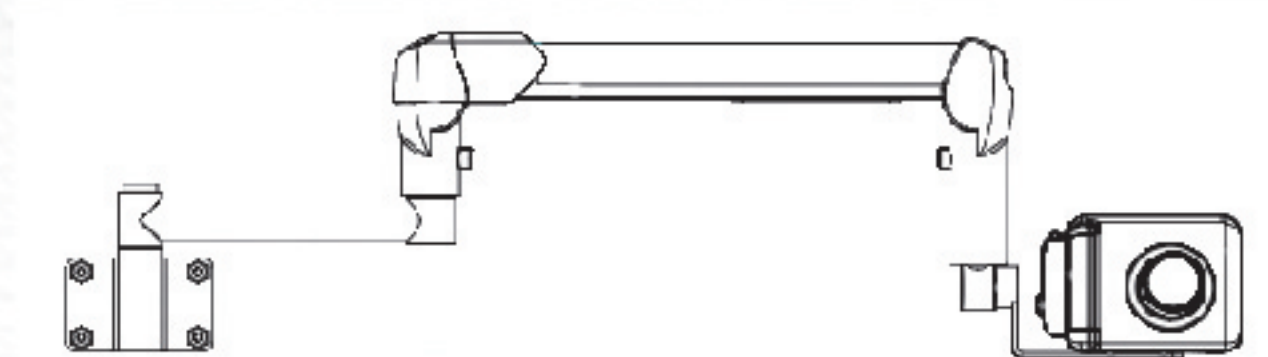
► Clear and sensitive operation interface

⊙ SIRAY Max Touch screen

⊙ SIRAY Mia Key screen

► Wall mounted

Digital intraoral Imaging System

- ⊕ APS CMOS Technology
- ⊕ Smart AED-Compatible for variety X-Ray sources
- ⊕ Direct deposition CSI-Lower dose imaging
- ⊕ USB 2.0direct connection
- ⊕ Slim，rounded corner and thumb position
- ⊕ IP68-High reliability

4.4mm

▶ Digital Sensors

- ⊕ 3Sizes：adult/universal/child
- ⊕ Comfortable：rounded corners and edges for improved patient experience
- ⊕ Ulta-thin：4.4mmdigital sensor
- ⊕ Durable：Reliable construction
- ⊕ High Resolution（HR)or Low Dose（LD）scintillator option
- ⊕ Efficient and affordable

▶ Hybrid ICs on circuit board

- ⊙ Low noise integrated circuit design
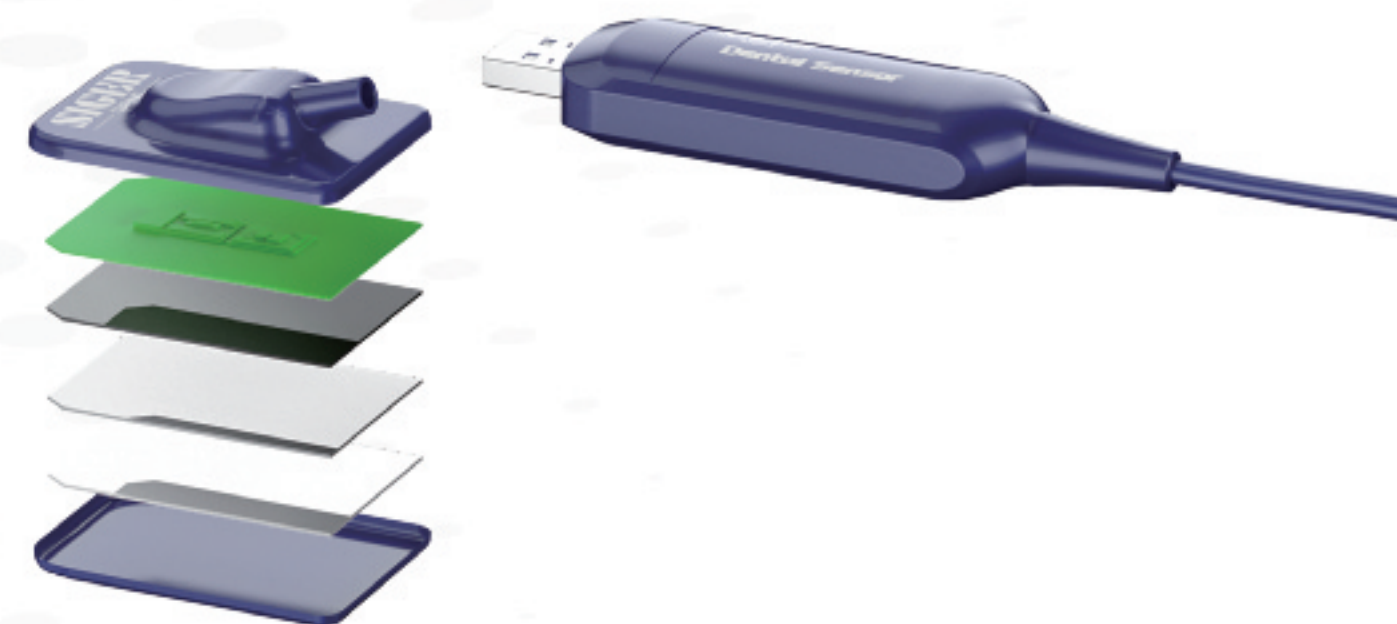
▶ APS CMOS image sensor

- ⊕ Low noise CMOS image sensors In-house design and process

▶ CsI scintillator

- ⊕ Directly deposited CsI Low Dose(LD) and High Resolution(HR) options

▶ Robust and safety design

- ⊕ Biocompatible IP68 protection Easy infection control
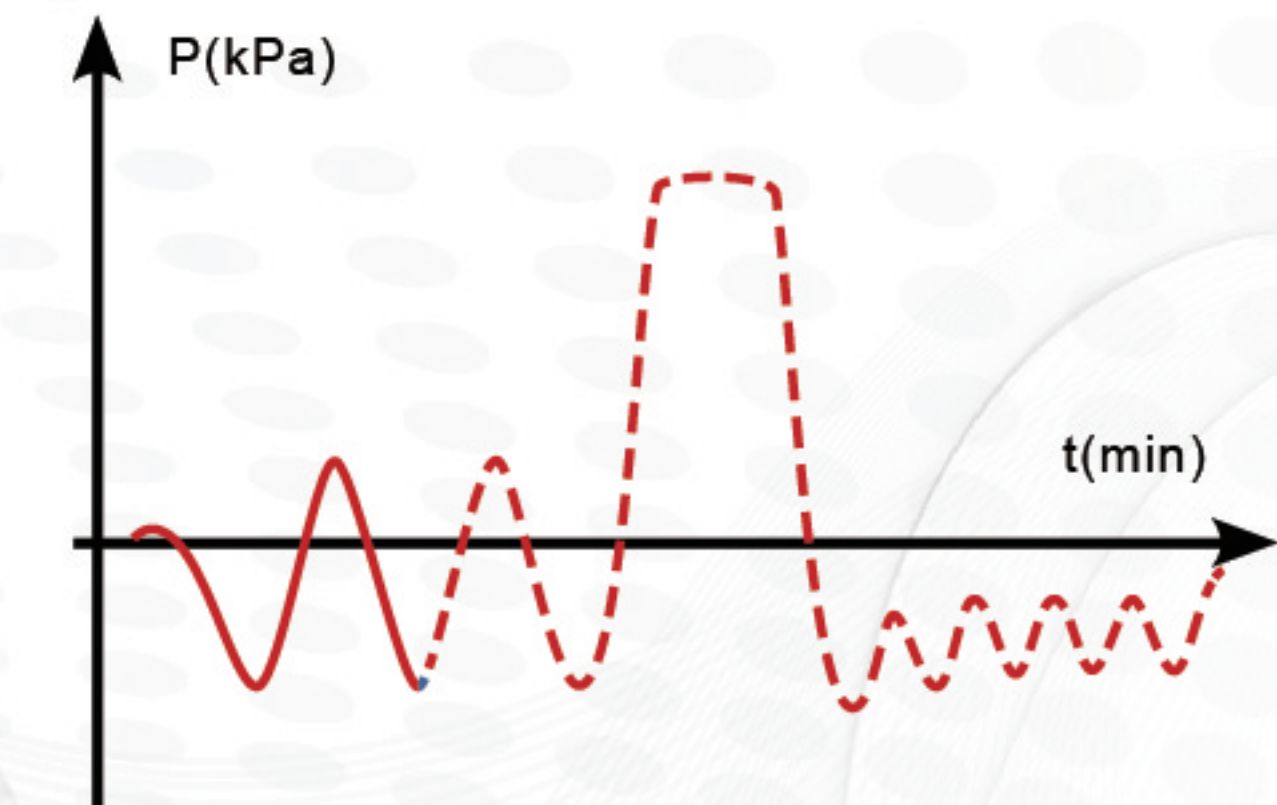
Class B Steam Sterilizer

AMI

AMI-17B

AMI-23B

▶ Sterilization cycle with high performance and reliability

⊕ European Class B standard model, with 3-stage pre-vacuum process.

P(kPa)

t(min)

- ⊕ A special vacuum pump with cooling system can improve the performance of vacuum.
- ⊕ Unique air-water separating system enhances system efficiency and reliability.
- ⊕ Unique steam diffusing solution ensures an evenly heating up inside the sterilization chamber.

▶ Excellent traceability

- ⊕ Universal USB port allows the user to download and store the sterilization record with memory stick.
- ⊕ Built-in printer automatically prints sterilization data and results after each sterilization process.
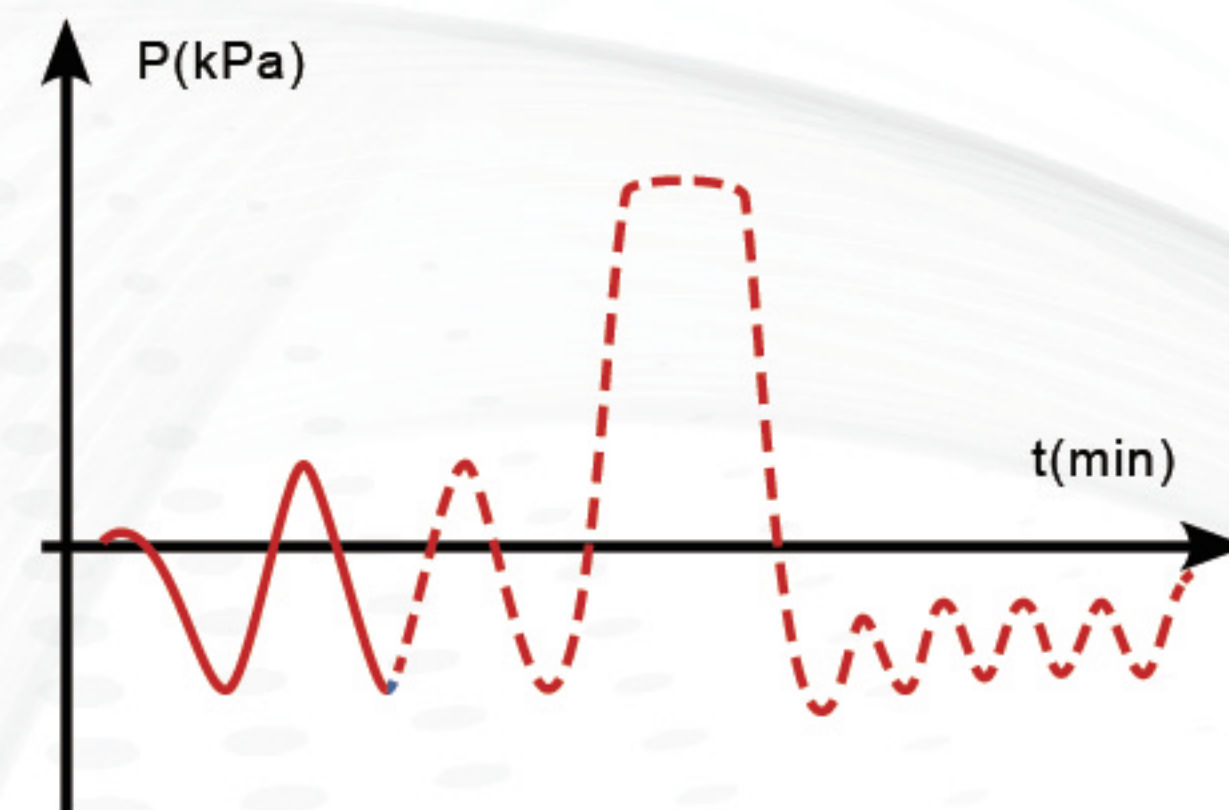
EGO

EGO-17B

EGO-17B+

EGO

EGO-23B

EGO-23B+

► Sterilization cycle with high performance and reliability

$P(kPa)$

$t(min)$

⊙ European Class B standard model, with 3-stage pre-vacuum process.

⊙ HAFC system (Hot Air Forced Circulation) improves the dry efficiency significantly;

⊙ Unique air-water separating system enhances system efficiency and reliability;

⊙ High-speed process-controller and the special hydraulic circuit allows the autoclave to perform a Quick Class-B cycle in only 20 minutes;

⊙ Unique steam diffusing solution ensures an evenly heating up inside the sterilization chamber;

⊙ Original POST-DRY program delivers extra-dry and cool instruments even without opening the door;

⊙ THT process validation system monitors the temperature and pressure in real time, thus ensures the validity of the sterilization;

⊙ Auto-start Cycle enables the doctor to start a cycle at any specific date/time;

⊙ 5 sterilization cycles available: Universal B, Quick B, Quick S, Gentle B and Prion;

⊙ 4 test programs onboard: B&D test, Helix test, Vacuum test and Water Quality test;

⊙ Universal RS-232 serial port allows the user either to connect the autoclave to a label printer, or to a PC to monitor and test the validation of the sterilization cycles.

Excellent traceability

⊙ Onboard printer automatically prints the sterilization data and result at the end of each cycle;

⊙ Universal USB port allows the user to download and store the sterilization record with memory stick;

⊙ Barcode label printer (optional) ensures the identification and traceability of every single sterilization pack;

Ergonomic design

⊙ Color touch screen with excellent sensitivity the data of the sterilization, cycle progress and errors in real time.

⊙ 5L built-in clean water tank allows the user to perform 10 sterilization cycles;

⊙ Built-in water sensor and built-in float switch.

⊙ EGO 17B+, EGO 23B+ are our servo-assisted electric door model, easy and extra-safe.

Sealing Machine X330

▶ High-quality component

⊕ The pressure sensor from the USA makes sure the cycle is safe and reliable.
⊕ The advanced ST CPU supports the powerful function of the sterilizer.

▶ Easy door adjustment

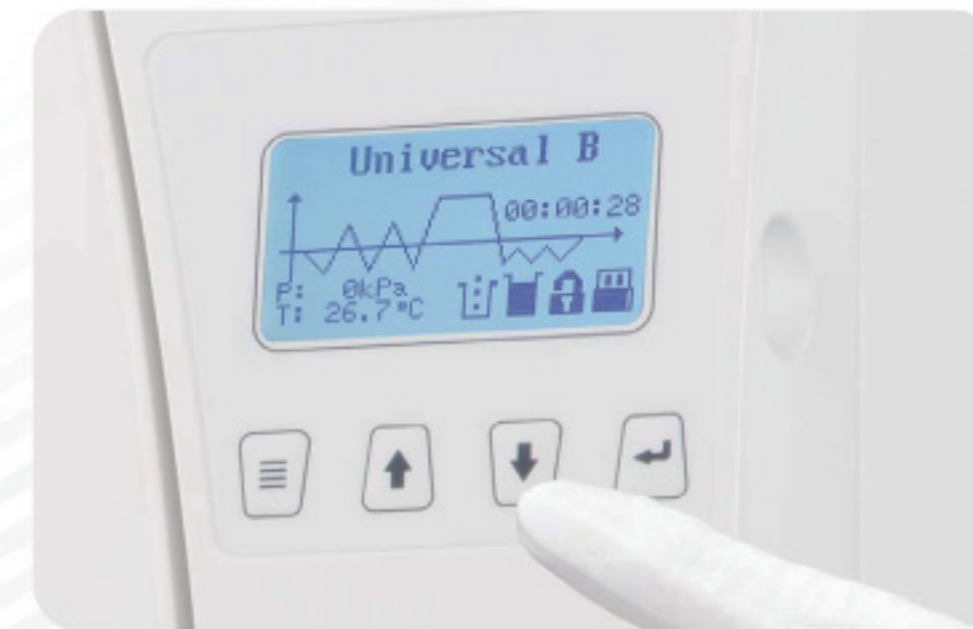⊕ The adjustment of the door-tight can be easily performed in 5 seconds.

▶ Hygienic and practical water tank design
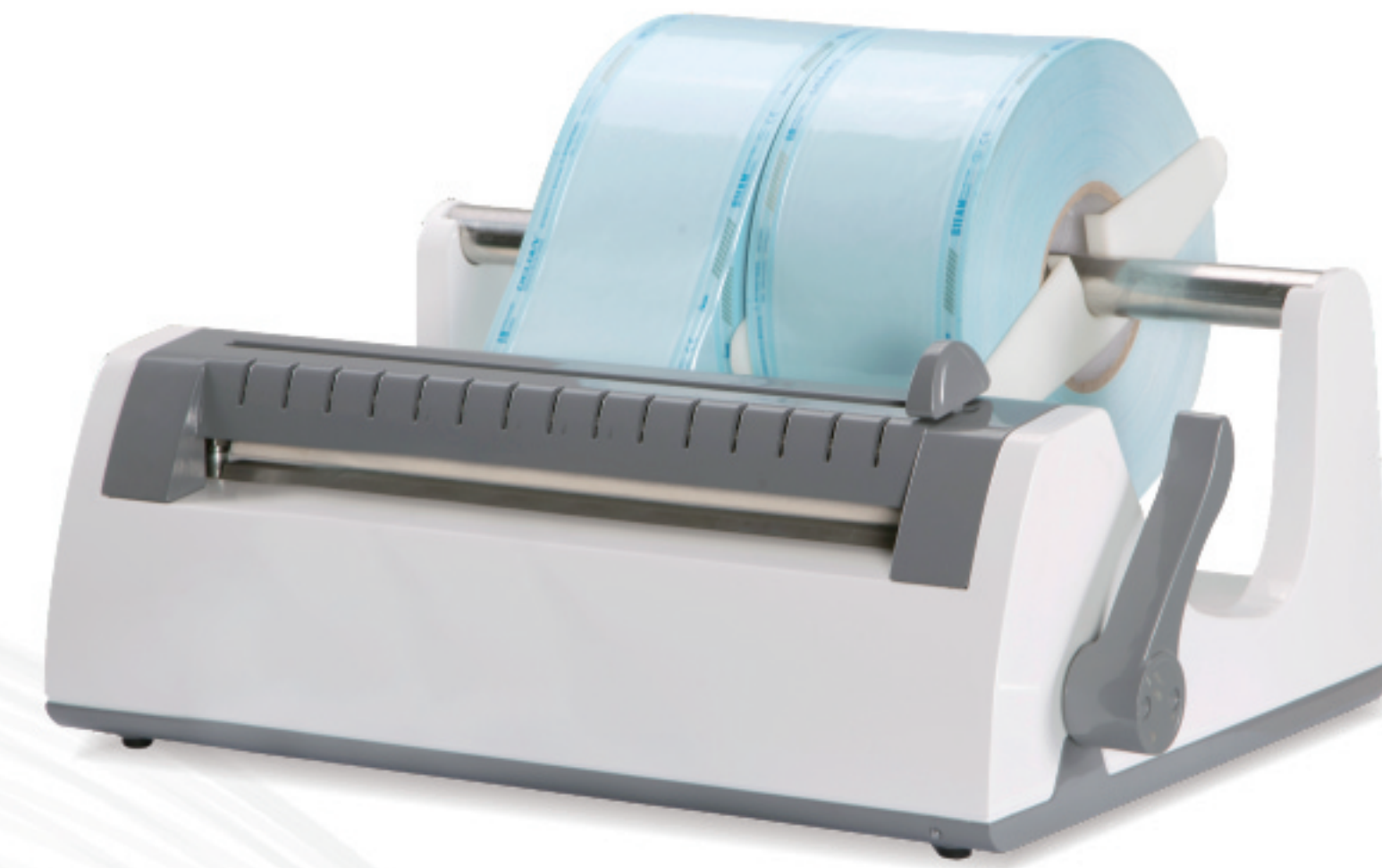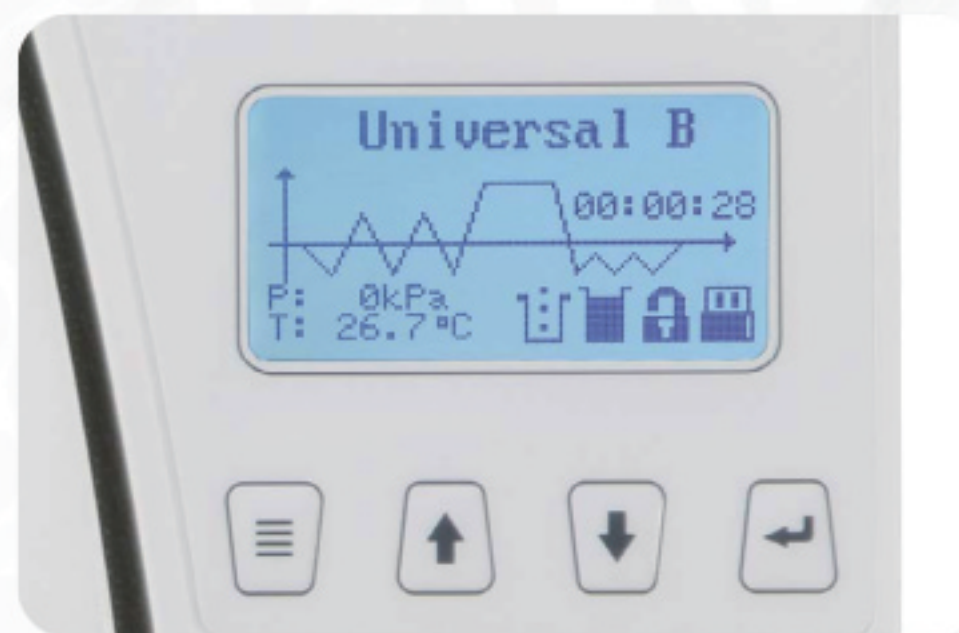
⊕ The capacity of water tank is over 5 liters, which allows the autoclave to perform about 11 sterilization cycle.
⊕ Separate tank for used water and distilled water can avoid water contamination .
⊕ A fully open distilled water tank is inspectable and easy for cleaning and disinfection.

▶ User friendly

⊕ It is simple to select the sterilization cycle through the intuitive graphical button.

⊕ It is easy to read the pressure curve in real time during the cycle from the high-brightness LED digital display.

▶ Excellent performance

⊕ The special heater makes the sterilization bag evenly heated and has good sealing performance.
⊕ The 12mm sealing band makes a stronger seal.
⊕ Built-in stainless steel blade makes a flat cutting.

▶ Ergonomic design

⊕ Sealing machine is programmed to standby when it is not used for half an hour, which makes it safe and avoids wasting electricity.
⊕ Optional tray layer with silkscreen graduated scale helps to pack multiple bags at the same time and get the dimension of the sealing bags.
⊕ 34cm wide operation port can meet the needs of sealing various sizes of sterilization bags.

▶ Easy machine maintenance

⊕ Simple blade replacement saves maintenance costs.
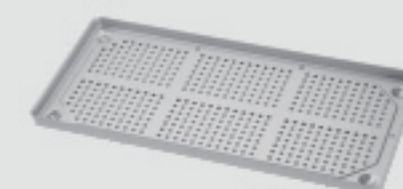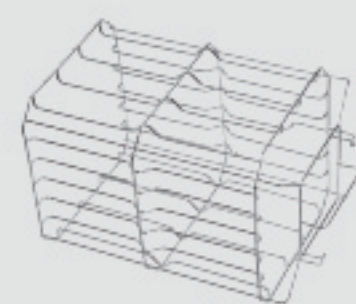⊕ The clamp can be adjusted at any time to achieve a good sealing effect.

▶ Accessories

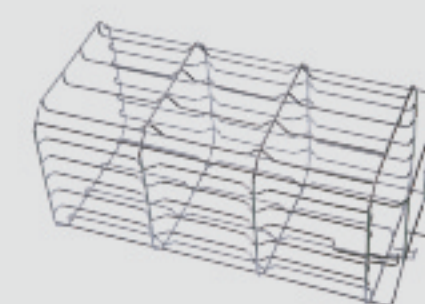|		
	Sterilizer Tray Handle For taking out the Trays.	
AMI Trays	EGO Trays	
17L sterilization rack Space between each layer : 42mm/26mm Dimension : 320x200x200mm	23L sterilization rack Space between each layer : 42mm/26mm Dimension : 410x200x200mm	

⊕ Rotate the sterilization rack to contain 3 regular trays or 5 regular trays.

Water Filter EGO-FILLER2

⊕ Dual-mode water supply, automatic/manual. Support connection with Lifedent Apollo steam sterilizer for automatic water supply
⊕ Four-stage filter, effectively filter out rust, heavy metals, organic matter etc in raw water. Deeply purify water quality.
⊕ The water can meet the quality standard for disinfection/sterilization water, avoiding damage to instruments caused by substandard water quality
⊕ The filter element adopts a quick interface design, which is easy to replace and has a replacement reminder function.
⊕ With RO reverse osmosis filter element, stable performance and reliable quality. It is easy to install and meets the water demand of multiple steam sterilizers at the same time.
⊕ Long service life and low maintenance cost.

Oil-less Air Compressor

SS Series
SS150 / SS220 / SS330

SS150

SS220

SS300

SP Series
SP075/SP150 / SP220 / SP300

SP075

SP150

SP220

SP300

	Voltage/ Frequency (Volf/Freq Hz)	Power (W)	Air Flow L/min(0.4Mpa)	Tank Capacity (L)	Noise Level (dB)	Dimen Sion L×W×H(mm)	Weight (Kg)	Applicable Workplace (number of units)
SS 150	AC220V/50Hz	1500	165	60	≤ 73	956×455×838	75.5	3-4
SS 220	AC380V/50Hz	2250	280	100	≤ 74	1204×455×827	91	5-6
SS 300	AC380V/50Hz	3000	335	100	≤ 75	1204×455×827	98	7-8

	Voltage/ Frequency (Volf/Freq Hz)	Power VA	Flow L/min (0.4MPa)	Air tank capacity L	Noise dB	Dimension Length×width×height mm	Weight Kg	Applicable Workplace
SP075		750	80	32	≤ 68	633×428×633	49	1-2
SP150		1500	160	60	≤ 70	951×428×780	65	3-4
SP220		2250	240	90	≤ 73	1201×428×780	88	5-6
SP300		3000	320	120	≤ 73	1421×428×780	108	7-8

SA Series

SA055 / SA075 / SA150 / SA220 / SA300

SA055

SA075

SA150

SA220

SA300

Voltage/ Frequency (Volf/Freq Hz)	Power VA	Flow L/min (0.4MPa)	Air tank capacity L	Noise dB	Dimension Length×width×height mm	Weight Kg	Applicable Workplace
SA055	550	60	32	≤ 64	406×406×633	24	1
SA075	750	80	32	≤ 68	406×406×653	26	1-2
SA150	1500	160	60	≤ 70	746×420×764	50	3-4
SA220	2250	240	90	≤ 73	996×420×764	70	5-6
SA300	3000	320	120	≤ 73	1216×420×764	90	7-8

Dental Suction Unit

VC10 / VC20 / VC30 / VC30+ / VC60+ / VC80+

VC10 / VC20 / VC30

VC30+ / VC60+ / VC80+

Efficient separation of wastewater

Two-stage air/water separation process, extra care for safety

Auto start-stop system: Reactive to the start & stop of dental units

Detecting dental unit, automatic start and stop

Double motors for vacuum pump and drainage

Low noise level

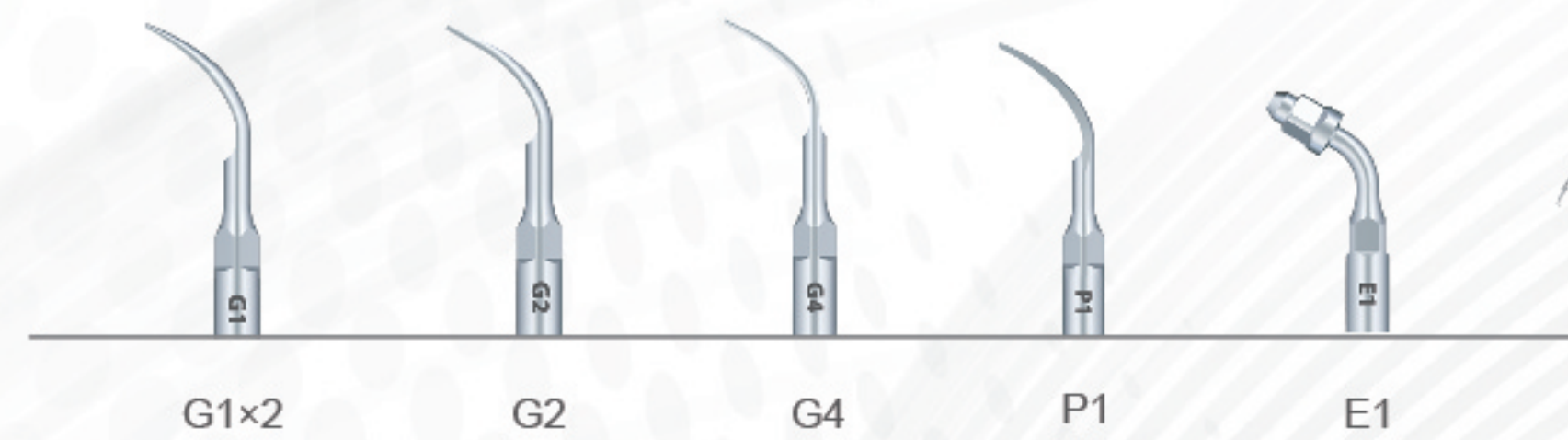| Model	VC10	VC20	VC30	VC30+	VC60+	VC80+
Applicable workplace	1	2	3-4	2-4	4-6	6-8
Input power(V)	220	220	220	220	220	220
Rated power(W)	500	700	1100	550	1000	2000
Maximum current(A)	3.5	4.8	7.3	7	9.5	13
Negative pressure	-12	-13	-15	-15~-25	-15~-25	-15~-25
Max.Gas flow(L/min)	300	600	1200	1200	1500	2000
Frequency conversion	NO	NO	NO	YES	YES	YES
Noise(dB(A))	65	65	68	68	68	68
Weight(kg)	25	26	29	33	35	37
Dimension(mm)	340×308×527	340×308×552	340×308×565	455×365×603	455×365×603	455×365×627

N Series Multifunction Ultrasonic Scaler

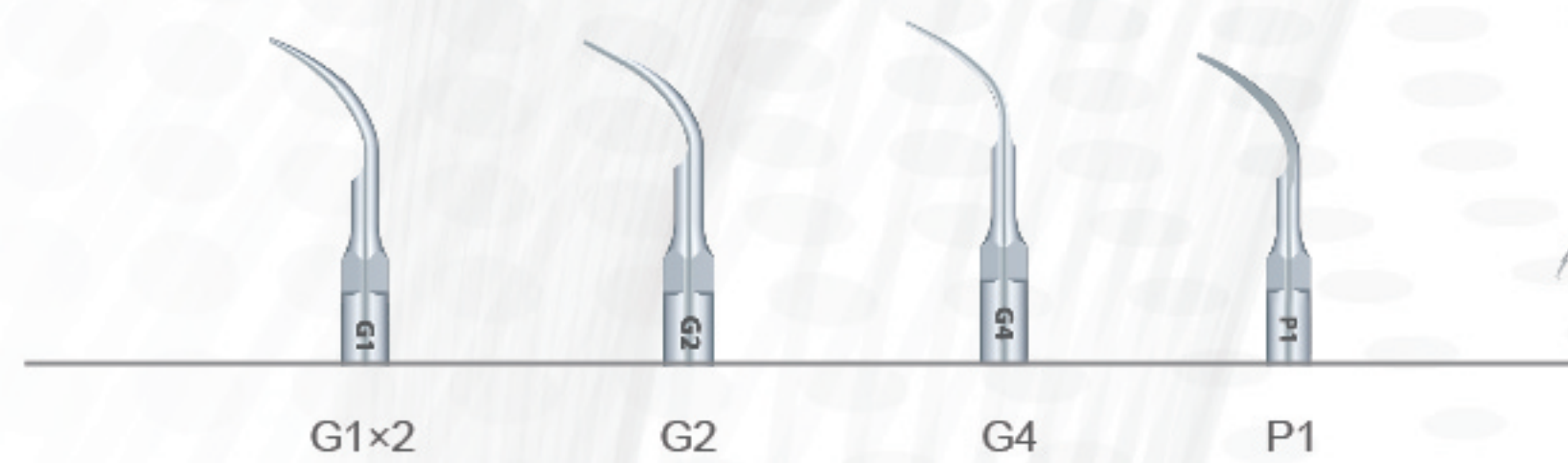Compatible with EMS,MECTRON,W&H,WOODPECKER scaler.

▶ N3000L/N2000L

N3000L

- SMART-CRUISE SYSTEM: Automatic frequency tracing; Real-time feedback ensures on time power compensation;
- Controlled oscillating action ensures gentle treatment for uniform surface roughness with minimum abrasion of tooth surface.
- Scaling, Perio, Endo multifunction.
- LED handpiece ensures optimal viewing conditions at all position.
- Detachable handpiece is autoclavable.

| G1×2 | G2 | G4 | P1 | E1 |

N2000L

- SMART-CRUISE SYSTEM: Automatic frequency tracing; Real-time feedback ensures on time power compensation;
- Controlled oscillating action ensures gentle treatment for uniform surface roughness with minimum abrasion of tooth surface.
- Scaling, Perio function.
- LED handpiece ensures optimal viewing conditions at all position.
- Detachable handpiece is autoclavable.

| G1×2 | G2 | G4 | P1 |

V Series Multifunction Ultrasonic Scaler

Compatible with SATALEC,DTE scaler.

▶ V3000L/V2000L

V3000L

- SMART-CRUISE SYSTEM: Automatic frequency tracing; Real-time feedback ensures on time power compensation;
- Controlled oscillating action ensures gentle treatment for uniform surface roughness with minimum abrasion of tooth surface.
- Scaling, Perio, Endo multifunction.
- LED handpiece ensures optimal viewing conditions at all position.
- Detachable handpiece is autoclavable.

| SG1×2 | SG2 | SG4 | SP1 | SE1 |

V2000L

- SMART-CRUISE SYSTEM: Automatic frequency tracing; Real-time feedback ensures on time power compensation;
- Controlled oscillating action ensures gentle treatment for uniform surface roughness with minimum abrasion of tooth surface.
- Scaling, Perio function.
- LED handpiece ensures optimal viewing conditions at all position.
- Detachable handpiece is autoclavable.

| SG1×2 | SG2 | SG4 | SP1 |