

23L CLASS B Dental Steam Sterilizer

Pre-Vacuum Pressure Steam Sterilizer | SQ-Z23 Series



KEY FEATURES

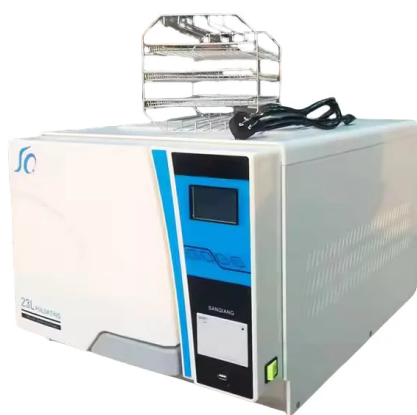
- Class B Pulsating Vacuum Technology
- 23L / 18L Chamber Options | 304 Stainless Steel
 - Built-in Printer & Data Logging
- Automatic Vacuum Drying | Dual Temp 121°C / 134°C

Professional Infection Control for Dental Clinics

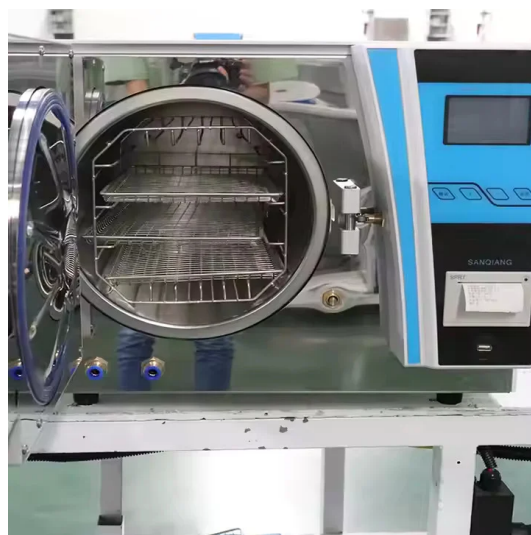
www.dentsma.com

Advanced Class B Tabletop Autoclave

The Dentsma 23L Class B Dental Steam Sterilizer is a premium tabletop autoclave engineered for modern dental clinics. Featuring advanced pulsating vacuum technology, it achieves deep -80 kPa vacuum to ensure thorough steam penetration for complex hollow instruments, wrapped packs, and porous loads. Designed for reliability, safety, and regulatory compliance.



Exterior with Trays & Power Cord



Open Chamber – Clinical View

Core Advantages

- **Pulsating High-Vacuum**
Multiple vacuum pulses eliminate air pockets for complete sterilization of handpieces and hollow items.
- **Dual Temperature Cycles**
121°C standard and rapid 134°C high-speed cycles tailored to instrument materials.
- **Automatic Vacuum Drying**
Strong post-vacuum drying achieves residual humidity <0.2% for instruments, ready for immediate use.
- **Data Traceability**
Built-in micro-printer logs every cycle minute-by-minute for full compliance records.
- **Safety Systems**
Automatic door lock, dual pressure relief, overpressure protection, high/low temp alarms.
- **User-Friendly Interface**
LCD display, microprocessor control, intuitive human-machine interface.

Product Performance Parameters

Product Name	Pre Vacuum Pressure Steam Sterilizer
Product Model	SQ-Z23 (23L) / Compatible 18L Series
Classification	Class B High Vacuum / Class II Medical Device
Chamber Volume	23 L 18 L option
Liner Space	23L: Φ246×450 mm 18L: Φ246×360 mm
Chamber Material	304 Anti-corrosion Stainless Steel
Outer Material	ABS
Dimensions (L×W×H)	715 × 513 × 425 mm
Net Weight	23L: 49 kg 18L: 45 kg
Shipping Weight	60 kg (wooden case)
Power / Supply	1.7 kVA AC 220V 50Hz (110V option)
Energy / Water	≈1.5 kWh/cycle Tank 2 L, use 0.5–1 L
Working Pressure	-80 kPa to 210 kPa
Max Pressure Resistance	-99 kPa ~ 280 kPa
Sterilization Temp	121 °C / 134 °C
Humidity / Env.	≥80% Working 5–40 °C
Display	LCD Display
Vacuum System	Multiple Pulsating Vacuum, oil-free dual-head pump
Printer	Built-in micro printer (permanent cycle data)
Modes	Bare / Encapsulated, Fabric, Rubber, BD Test, Vacuum Test
Drying	Residual humidity: instruments <0.2%, dressings <1%
Sealing Ring	Silicone, service life 2 years / 1200 cycles
Safety	Safety valve @250 kPa, overpressure protect, auto lock, alarms

Manufacturer: *Henan Sanqiang Medical Equipment Co., Ltd* | Brand: *Dentsma*

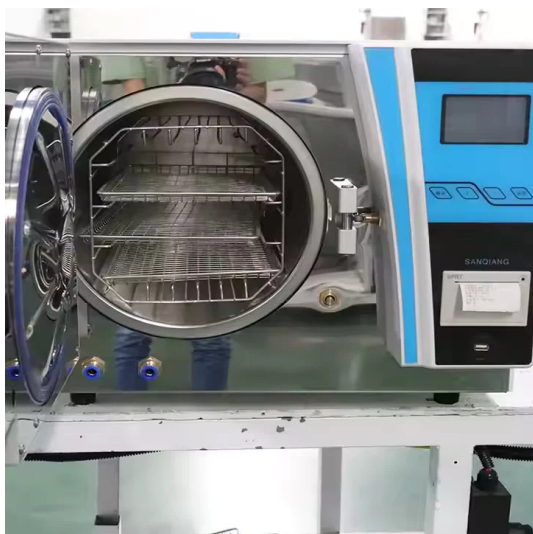
Multiple Views • Shipping • Clinical Application



Clinic Installation View



Complete with Trays & Accessories



Open Chamber – Clinical Case



Secure Wooden Shipping Crate

CHAMBER & WEIGHT SPECIFICATIONS

Chamber Volume: 18 L | Liner Space: $\Phi 246 \times 360$ mm

Chamber Volume: 23 L | Liner Space: $\Phi 246 \times 450 / 470$ mm

Chamber Material: 304 Stainless Steel

External Dimensions: $715 \times 513 \times 425$ mm

Net Weight: 18 L – 45 kg | 23 L – 49 kg

Shipping Weight: 60 kg (packed in reinforced wooden case)



Get in Touch

Your Trusted Partner for Dental Sterilization Solutions

Website

<https://www.dentsma.com/product/23l-class-b-dental-steam-sterilizer/>

Worldwide Shipping

Air parcel • Vessel shipment • DDP door-to-door

Wooden case packing • Shipping weight 60 kg

DENTSMA

Most Trusted Dental Tools Provider