

# AUTOCLAVE

STEAM STERILIZATION



FULLY AUTOMATIC



**AUTOCLAVE** **ULTRA FAST CLASS S**

**12**  
minute  
CYCLE

ULTRAFAST CLASS S

# CLAVE8+

FULLY AUTOMATIC



12 Minute Cycle



Small Footprint



Big Power



Distilled Water



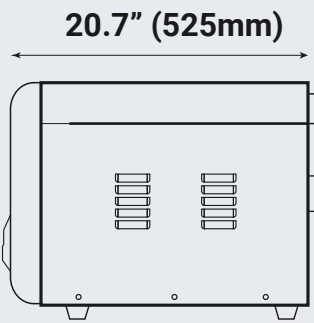
Standard Configuration  
3 trays

USB Datalogger  
& Internal Printer  
Included

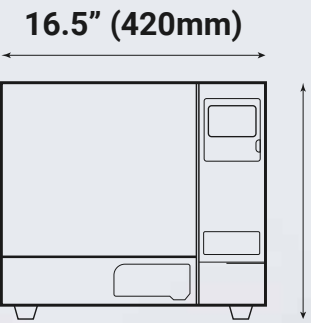
12 Minute Cycle

Small Footprint

Big Power



Distilled Water Tank



Stainless Steel Chamber



Water Filter

Waste  
Water Drain

Distilled  
Water Drain



# CLAVE8+

## THE FLIGHT CLAVE8+

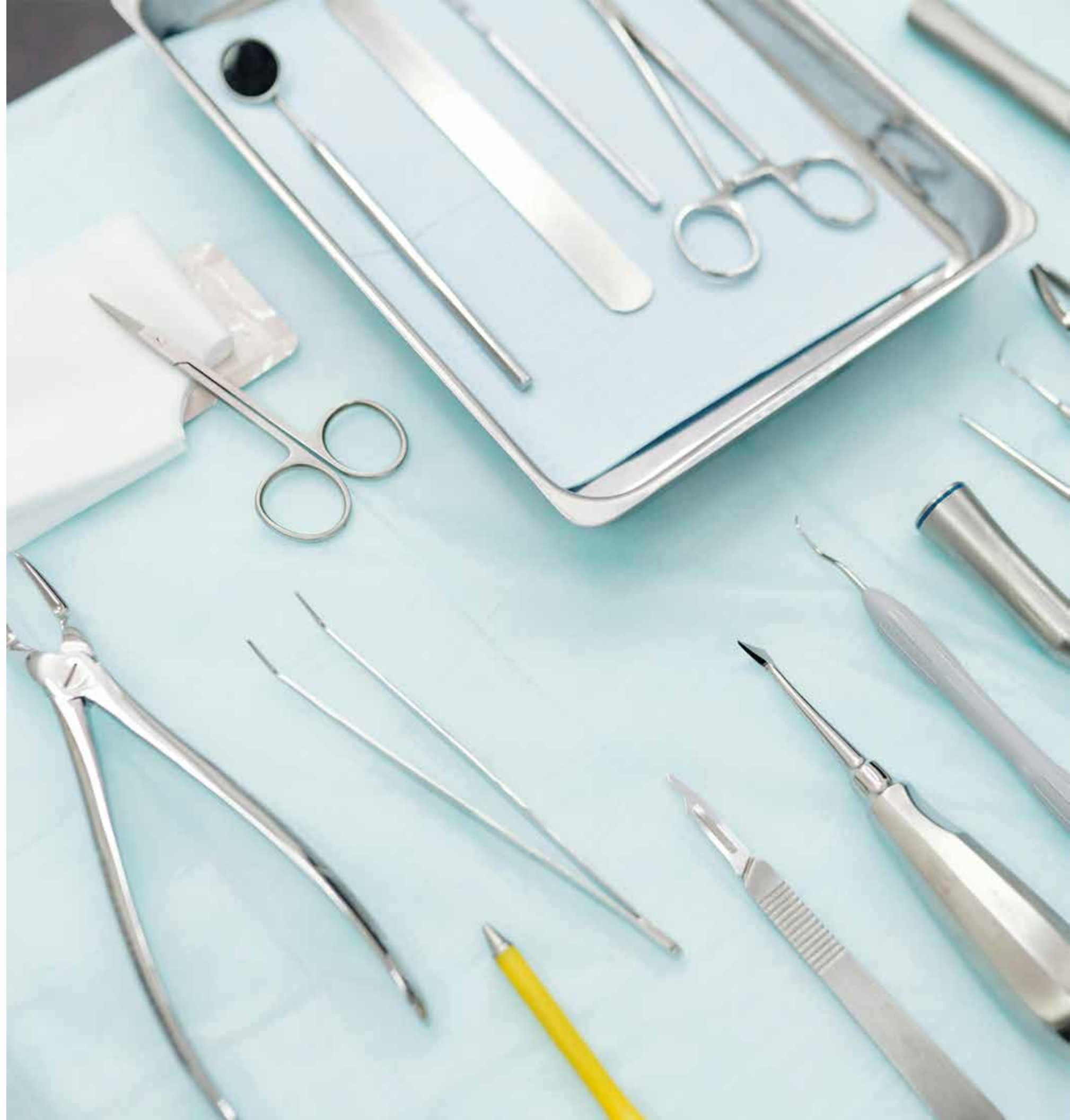
Is a high-performing, compact Class S autoclave uniquely designed for fast, efficient, and reliable sterilization in diverse professional environments. Its advanced steam pulsing, air-assisted drying, and safety features make it a standout choice where both speed and safety matter.

### Drying & Efficiency Upgrades

- Integrated compressor / vacuum system accelerates drying—cutting closed-door drying time from ~60 minutes to ~30 minutes.
- Air-assisted closed-door drying ensures instruments are fully dry and ready to use at the end of the cycle.
- 8L chamber (6.7"× 12.6") with three stainless-steel trays, delivering greater sterilizing capacity than single-cassette sterilizers while maintaining comparable cycle times.
- Independent steam generator, double-door protection system, USB port, and internal printer support both safety and documentation.

### BEST FOR:

Excellent sterilizer for use in Dental offices, Veterinarian offices, Medical offices, Podiatry, Chiropractic, Tattoo and Beauty salons.



FULLY AUTOMATIC



**AUTOCLAVE** CLASS S

CLASS S

# CLAVE16+

With compressor for drying



## CHAMBER TYPE

9" CHAMBER



Built in compressor for  
Faster Drying Times  
**30 Minutes Closed Door Drying**

FULLY AUTOMATIC

## SAFETY

- The double-door protection system ensures safe operation by preventing the cycle from starting unless the door is securely locked. It also prevents the door from opening until the pressure inside the chamber has equalized with 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.
- The system is able to detect any problems or faults with the machine using specific error codes making diagnosing and trouble shooting much easier and faster.
- A built-in water level sensor monitors minimum and maximum levels and alerts the user accordingly.

## STERILIZATION PROGRAMS

Pre-Programmed Cycles Cover all common dental, medical and veterinary sterilization needs.

| Programs  | Temp °C | Pressure k.Pa | Type                                 | Total time (Mins) |
|-----------|---------|---------------|--------------------------------------|-------------------|
| Unwrapped | 134     | 210           | Unwrapped solid material             | 14-30             |
|           | 121     | 110           |                                      | 30-45             |
| Wrapped   | 134     | 210           | Wrapped solid or hollow material     | 30-45             |
|           | 121     | 110           |                                      | 35-60             |
| Liquid    | 134     | 210           | Liquid                               | 30-55             |
| Plastic   | 121     | 110           | Plastic                              | 35-60             |
| Prion     | 134     | 210           | Unwrapped porous material;l          | Total 30-55       |
|           |         |               | Single-wrapped porous material       |                   |
|           |         |               | Single-wrapped hollow material       |                   |
|           |         |               | Dual-wrapped solid & hollow material |                   |



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Compact in Size but Powerful and Fast Sterilization.  
Suitable for all your Dental, Medical, Veterinary, Tattoo and  
Beauty infection control needs



FEATURES

- Unique Pressure-Pulsing Steam Injection
- Intuitive and Easy to Use Touchpad
- Fast and Efficient Steam Sterilization
- Includes USB Port for Data management
- 5 Programmed Cycles
- 3 Tray Capacity (16L Capacity - 9" Chamber)
- High Quality 304 Stainless Steel
- Built-in Printer Included
- 2 Year Warranty



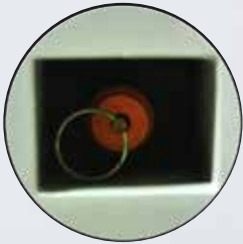
Double Locking  
Mechanism



LCD Display



Printer port  
and USB port

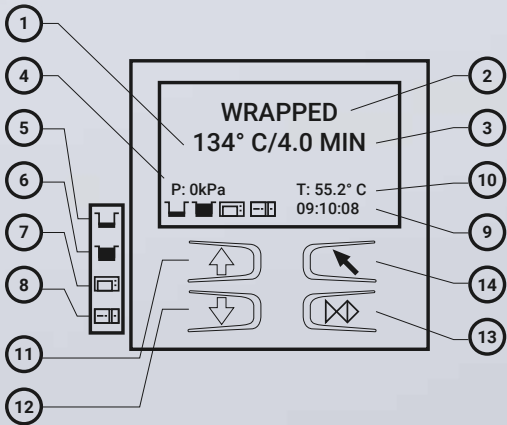


Presssure safety  
valve

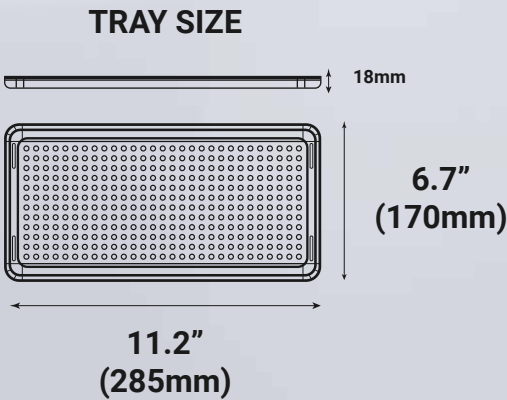
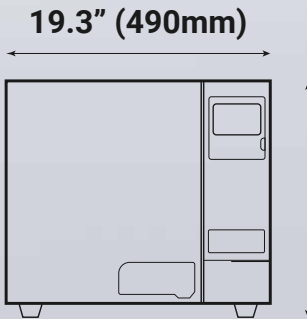
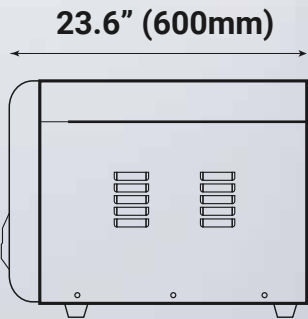


Electrical safety  
breaker

LCD Display with Intuitive Controls



- 1 Program temperature
- 2 Program
- 3 Holding time
- 4 Pressure
- 5 Distilled water / Fill it flashing  
 Filling the tank  
 Bad water quality
- 6 Used water tank tabk full / Drain if flashing
- 7 Printer status
- 8 Door open  
 Door closed  
 Door blocked
- 9 Time
- 10 Current internal temperature
- 11 Up button
- 12 Down button
- 13 Enter button
- 14 Menu button



CLASS S

# CLAVE23+

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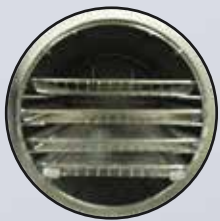
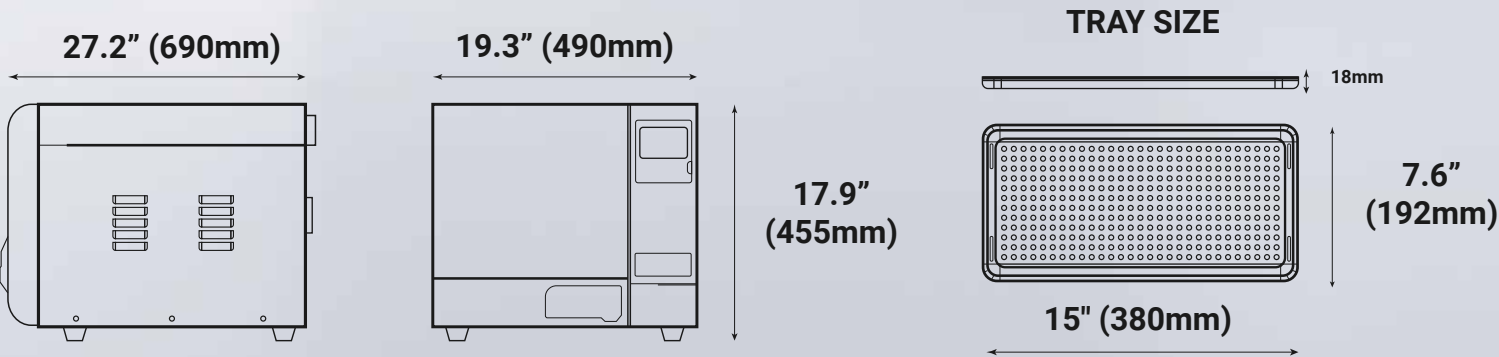
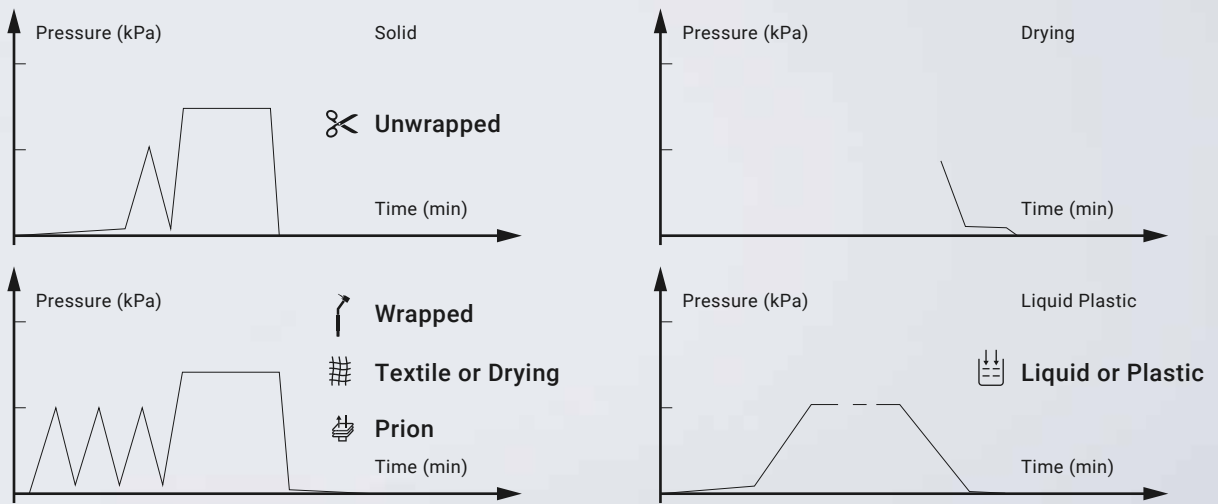
Simple and Effective Steam Sterilization that can help make processing instruments in the office fast and easy



## FEATURES

- Unique Pressure - Pulsing Steam Injection
- Low Maintenance Autoclave Chamber Type
- Large Chamber Capacity 23L
- Can fit 4 Trays or 25 Instruments per Slot with Cassettes
- Includes USB Port for Data management
- 5 Programmed Cycles
- High Quality 304 Stainless Steel
- 2 Year Warranty

## FULLY AUTOMATIC PROGRAMMED CYCLES



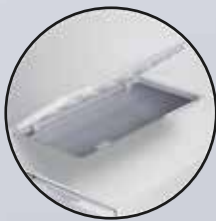
Stainless steel chamber and trays



Touchpad control



Independent steam generator



Distilled water reservoir



DOCUMENTATION

Printer:

A Built in Printer is included with all models (Clave8+, Clave16+, Clave23+, Clave28+, Clave45+, ClaveB)

USB port:

All sterilization data from each cycle will be recorded to the USB Flash drive when it connected. Each cycle is saved as a ".txt" file that can be opened on any PC.

Internal memory :

The last 10,000 cycles are automatically stored in the autoclave system, which can be printed out at anytime.



Built in compressor for  
Faster Drying Times  
**30 Minutes Closed Door Drying**

STERILIZATION PROGRAMS

Pre-Programmed Cycles Cover all common dental, medical and veterinary sterilization needs.

| Programs  | Temp °C | Pressure k.Pa | Type                                 | Total time (Mins) |
|-----------|---------|---------------|--------------------------------------|-------------------|
| Unwrapped | 134     | 210           | Unwrapped solid material             | 14-30             |
|           | 121     | 110           |                                      | 30-45             |
| Wrapped   | 134     | 210           | Wrapped solid or hollow material     | 30-45             |
|           | 121     | 110           |                                      | 35-60             |
| Liquid    | 134     | 210           | Liquid                               | 30-55             |
| Plastic   | 121     | 110           | Plastic                              | 35-60             |
| Prion     | 134     | 210           | Unwrapped porous material            | Total 30-55       |
|           |         |               | Single-wrapped porous material       |                   |
|           |         |               | Single-wrapped hollow material       |                   |
|           |         |               | Dual-wrapped solid & hollow material |                   |

CLASS S

CLAVE28+

FULLY AUTOMATIC



FEATURES

Large 28L Chamber Capacity

Designed to accommodate a higher volume of instruments—ideal for busy dental offices needing efficient sterilization of larger loads.

LCD Control Panel

LCD interface with pre-set sterilization programs for wrapped, unwrapped, and Prion cycles.

Built-In USB Data Logger

Automatically records cycle data for easy transfer and storage—ensuring compliance with record-keeping requirements.

Durable Stainless-Steel Chamber

11" chamber autoclave to replace existing same size autoclaves without having to change cassettes.

Compact Countertop Design

Space-saving design that fits seamlessly into modern sterilization centers.

BENEFITS

**Enhanced Efficiency** – Sterilizes more instruments in fewer cycles, increasing productivity and reducing wait times.

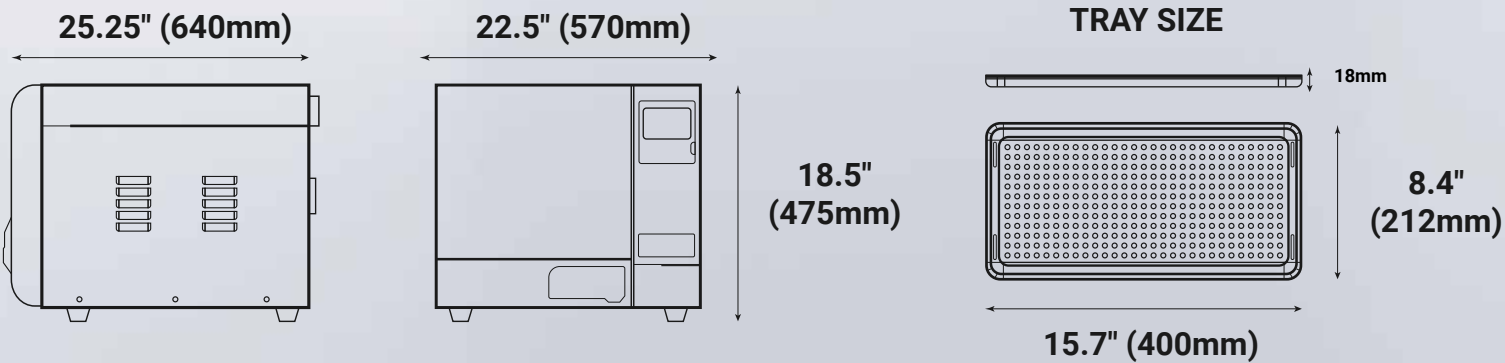
**User-Friendly Operation** – Simple interface eliminates guesswork and training time.

**Regulatory Compliance** – Automatic data recording meets Health Canada and FDA documentation requirements.

**Patient & Staff Safety** – Multiple safety interlocks and real-time monitoring ensure safe operation.

**Cost-Effective** – Low maintenance design and efficient cycle times reduce overall operating costs.

**Reliable Performance** – Engineered and tested to meet international standards (ISO 13485, CE, ETL).



FULLY AUTOMATIC



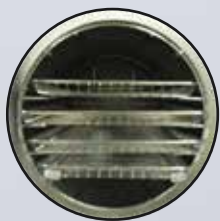
Small Footprint



Big Power



Distilled Water



Stainless steel chamber and trays



Touchpad control



Independent steam generator



Distilled water reservoir

## CLAVE 28+ TECHNICAL SPECIFICATIONS

| Model                                | Clave 28+                                               |
|--------------------------------------|---------------------------------------------------------|
| Chamber (m, diameter/depth)(inches)  | Ø 11" x 19" (279mm x 483mm)                             |
| Overall dimensions (mm,W*H*D)        | 22.5" (570mm)(W) x 18.5" (475mm) (H) x 25.25"(640mm)(D) |
| Net Weight (kg)                      | 92                                                      |
| Nominal power (VA)                   | 1600                                                    |
| Electrical supply                    | 110V: 60Hz, 15A Breaker                                 |
| Sterilization temperatures           | 2.5 L (Water at level Min.) Approx.                     |
| Capacity of the distilled water tank | 0.5 L Approx.                                           |
| Circuit breaker                      | 15A                                                     |
| Operation temperature                | 5°C ~ 40°C                                              |
| Operation relative humidity          | Max. 80%, non-condensing                                |
| Max. Noise level                     | <70 dB                                                  |
| Atmospheric pressure                 | 76 kPa ~ 106 kPa                                        |
| Warranty                             | 2 Years parts warranty                                  |

FULLY AUTOMATIC

CLASS S

# CLAVE45+

STEAM STERILIZER 45L



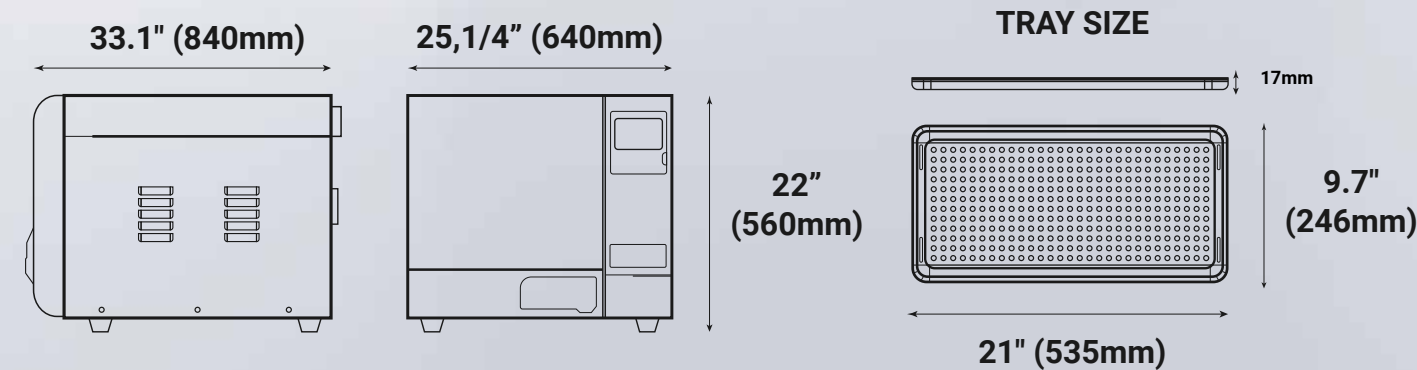
## LARGE CAPACITY & EFFICIENT FOR ALL APPLICATIONS

- Easy to repair - Quality parts made in Europe
- Closed door drying
- Perfect for labs, Dental, Medical, Veterinary & Food processing facilities
- Built in printer included
- Electronic door closing mechanism
- After the sterilization holding phase, the chamber is evacuated by a vacuum pump to ensure faster , more effective drying
- Double door protection system - Prevents door from opening during cycle

## STERILIZATION PROGRAMS

Pre-Programmed Cycles Cover all common dental, medical and veterinary sterilization needs

| Programs  | Temp °C | Pressure k.Pa | Type                                 |
|-----------|---------|---------------|--------------------------------------|
| Unwrapped | 134     | 210           | Unwrapped solid material             |
|           | 121     | 110           |                                      |
| Wrapped   | 134     | 210           | Wrapped solid or hollow material     |
|           | 121     | 110           |                                      |
| Liquid    | 121     | 110           | Liquid                               |
| Prion     | 134     | 210           | Unwrapped porous material            |
|           |         |               | Single-wrapped porous material       |
|           |         |               | Dual-wrapped porous material         |
|           |         |               | Single-wrapped hollow material       |
|           |         |               | Dual-wrapped solid & hollow material |





FULLY AUTOMATIC

TROLLEY INCLUDED WITH EACH UNIT



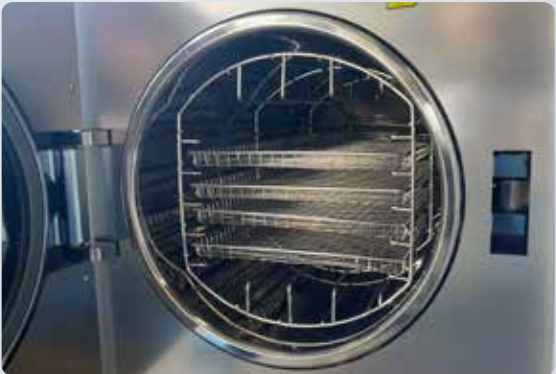
FLIGHT CLAVE45+

|                       |                                 |
|-----------------------|---------------------------------|
| Capacity              | 45 L                            |
| Load size             | 22lbs-Wrapped                   |
| Chamber size          | Ø12.5" X 24.3" (45L)            |
| Cycle time            | 70min Wrapped                   |
| Voltage               | 220V - 15A Breaker, 2600W Power |
| Internal memory       | 10,000 Cycles                   |
| Printer               | Built in (Included)             |
| Datalogger            | USB                             |
| Warranty              | 2 Year Parts Warranty           |
| Trays                 | 2 or 5                          |
| Clean water reservoir | Internal Tank                   |
| Waste water           | Internal Tank and Auto Drain    |
| Bowie dick test       | Not Required                    |
| Class of sterilizer   | Class S                         |

DIMENSION

|                      |       |
|----------------------|-------|
| W                    | 25.2" |
| H                    | 22"   |
| D                    | 33.1" |
| Door Open Width (WO) | 29.9" |
| Door Open Width (HO) | 49.8" |

CHAMBER TYPES



FULLY AUTOMATIC

# AUTOCLAVE

CLASS B



CLASS B

# CLAVE B

FULLY AUTOMATIC

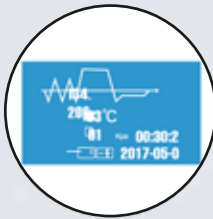


### FEATURES

Optimized tank concept, simple opening method, convenient water filling and easy cleaning.

The **Clave B** is equipped with a standard USB 2.0 interface that automatically records the data of each sterilization cycle in a "TXT" file.

The last 10,000 sterilization reports will be saved on an internal memory and can be transferred to a USB drive or printed at any time.



The LCD display uses a dynamic graphical appearance that will show the whole process of sterilization, including all stages of time, temperature and pressure.

The display shows distilled water level, waste water level, printer connected and do or locks symbols.

A specific error code is displayed to facilitate trouble shooting.

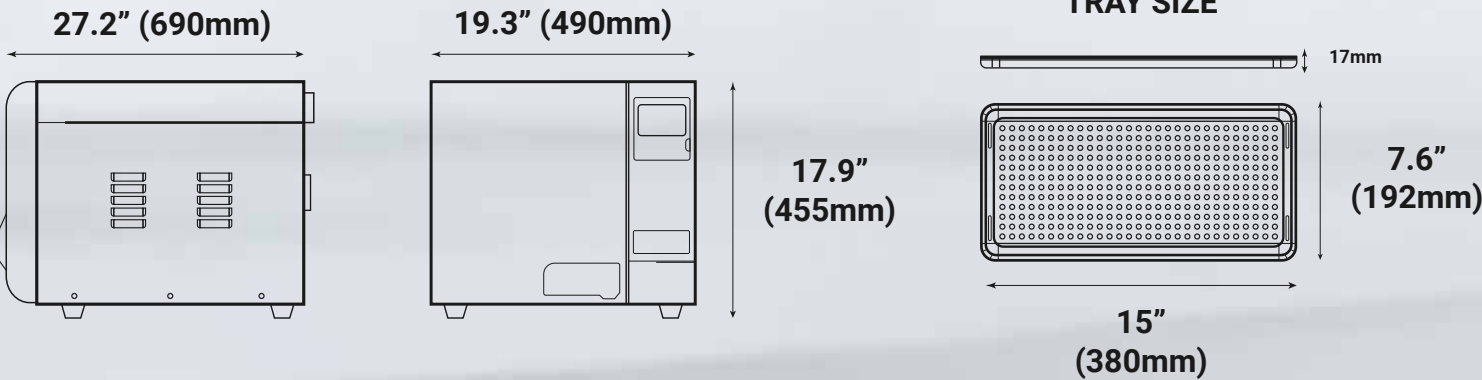


### SAFETY

The Clave B is compact and clean with a unique door design that hides the printer, USB Interface, Water drain ports and power switch.

The Clave B uses both a mechanical hook type door lock and an electric door lock for added safety when a sterilization cycle is running.

The microswitch for the door locking systems ensures that the cycle cannot start if the door is not closed.



A high grade stainless steel chamber is used for added durability



### DOCUMENTATION

Built-in printer, can automatically print the report at the end of each cycle.

CLASS B

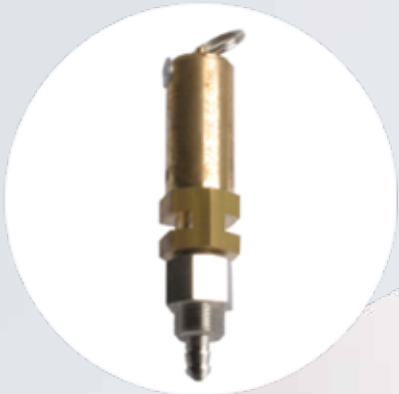
FULLY AUTOMATIC

CLAVE B



Vaccum Pump

High quality german made vacuum pump is extremely quite. Creates optimal air removal and closed door drying for the sterilizer.



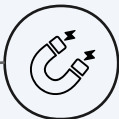
Safety Valve

The pressure release valve ensures that the pressure can be mechanically released if it over pressurizes



Steam Release Ports

A large caliber steam realease port on the back of the device prevents water droplets from dripping on your counter and releasing steam unnecessarily.



Solednoid Valve

A high quality solenoid valve from Italy provides better performance and reliability, which prevents any leakage or additional maintenance.



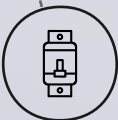
Heat Exchange Cooling Vent

The heat exchange and cooling fan, cools the steam prior to reaching the waste water reservoir and exhaust vent, so that minimal hot air and moisture is exhausted out.



Bacterial Filter

Premium bacteria filter increases filtration efficiency and reduces maintenance required.



Circuit Breaker

UL approved circuit breaker automatically trips when the current is not stable or there is a short circuit to prevent damage to the device.





# FLIGHT ULTRASONIC CLEANER



## Simple to Operate

The Flight SonicArc is easy to use right out of the box, so you can get your staff up and running with minimal training time. Features like a digital LCD control panel that displays prompts, options for preset or customized settings, intelligent software that remembers the last cycle settings, and a fluid sensor that ensures the bath always has sufficient water levels help simplify your processes and increase productivity.



LCD Digital Display



Multi-function Integration



High-Precision Temp Control



Dynamic Light Bar

## SAFETY

Optimize your cleaning process with the Flight Ultrasonic Cleaner, available in four convenient sizes: 3.2L, 6.5L, 10L, and 22L. Designed for dental, medical, veterinary, laboratory, industrial, tattoo, and eyewear applications, this intelligent cleaner features an LCD digital display, high-precision temperature control, and a dynamic light bar for simple operation. Its ultra-powerful ultrasonic technology ensures thorough cleaning while minimizing worker exposure to contaminants and sharps. With a sleek, modern design and advanced functionality, the Flight Ultrasonic Cleaner is a smart, safe, and stylish addition to any workspace.



## Range of sizes and design options

The SonicArc comes in four table top sizes (3.2L, 6.5L, 10L, 22L), So you choose the option that best fits your configuration and workflow. And the stainless steel finish and attractive design coordinate well with any decor.



### ACCESSORIES AND SERVICE PARTS

| Feature / Model                  | UC-6032          | UC-6065            | UC-6100           | UC-6220            |
|----------------------------------|------------------|--------------------|-------------------|--------------------|
| Tank Capacity gal/L              | 0.85Gal/3.2L     | 1.7Gal/6.5L        | 2.64Gal/10L       | 5.8Gal/22L         |
| Ultrasonic Frequency             | 40 kHz           | 40 kHz             | 40 kHz            | 40 kHz             |
| Heater Option                    | Yes              | Yes                | Yes               | Yes                |
| Timer Control                    | Yes              | Yes                | Yes               | Yes                |
| Drainage Valve                   | No               | Yes                | Yes               | Yes                |
| Warranty                         | 1 Year           | 1 Year             | 1 Year            | 1 Year             |
| Heating Power                    | 200W             | 300W               | 400W              | 600W               |
| Ultrasonic Power                 | 120/60W          | 180/90W            | 240/120W          | 480/240W           |
| Tank Size Dimensions (W x D x H) | 9.5 x 5.3 x 3.9" | 11.8 x 5.9 x 5.9"  | 11.8 x 11.4 x 11" | 19.7 x 11.8 x 5.9" |
| Product Size (W x D x H)         | 10.6 x 7.3 x 9"  | 14.8 x 7.9 x 10.8" | 15 x 11.4 x 11"   | 23 x 13 x 11"      |
| Weight                           | 7.9lbs (3.6kg)   | 14.1lbs (6.4kg)    | 16.8lbs (7.6kg)   | 29.3(13.3kg)       |
| Noise Level                      | <60db            | <60db              | <60db             | <60db              |



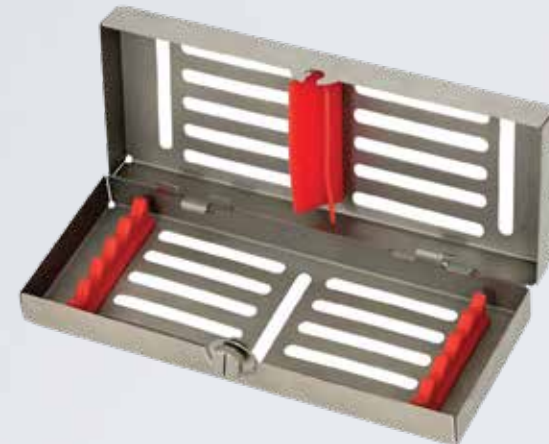
# AUTOCLAVE

## ACCESSORIES

The Flight sterilization cassettes are made with high quality stainless steel material and silicone racks to prolong the life of the product after continuous processing and sterilization. The flight cassettes come in 5, 10, 15 and 20 instrument cassettes.

### Features

- Premium stainless steel cassettes.
- Silicone racks.
- Optional syringe clips and instrument clips.
- Easy locking mechanism.
- Two separate parts - Top lid and bottom tray.



5

5 Instrument Capacity  
Order No. CA-5001

**Dimensions:**  
1-5/16" x 3" x 7 - 1/4"  
(33.3 x 76.2mm x 184.2mm)



10

10 Instrument Capacity  
Order No. CA-1001

**Dimensions:**  
1-3/8" x 5-11/16" x 7-1/4"  
(34.9mm x 144.5mm x 184.2mm)



15

15 Instrument Capacity  
Order No. CA-1501

**Dimensions:**  
1-3/8" x 7-1/4" x 8-1/2"  
(34.9mm x 184.2mm x 215.9mm)



20

20 Instrument Capacity  
Order No. CA-2001

**Dimensions:**  
1-5 / 16" x 7-5/16" x 11-7/16"  
(33.3mm x 185.7mm x 290.5mm)

TECHNICAL SPECIFICATIONS

| Model    | Chamber Dimensions<br>(Diameter x L in (mm)) | Vol  | Overall Dimensions DxWxH in (mm)                              | Tray Dimensions DxWxH in (mm)                             | No. of<br>Trays | Voltage (V)<br>Freq. (Hz) | Power (VA) | Shipping<br>Weight lbs (kg) |
|----------|----------------------------------------------|------|---------------------------------------------------------------|-----------------------------------------------------------|-----------------|---------------------------|------------|-----------------------------|
| Clave8+  | 6.7" x 12.6" (170mm x 320mm)                 | 8 L  | D 20.7" x W 16.5" x H 14.6"<br>(D 525mm x W 420mm x H 370mm)  | D 10.4" x W 5.1" x H 0.7"<br>(D 130mm x W 265mm x H 18mm) | 3               | 110 V - 60Hz              | 1600VA     | 82 lbs (37kg)               |
| Clave16+ | 9.05" x 14.17" (230mm x 360mm)               | 16 L | D 23.6" x W 19.3" x H 17.9"<br>(D 600mm x W 490mm x H 455mm)  | D 11.2" x W 6.7" x H 0.7"<br>(D 285mm x W 170mm x H 18mm) | 3               | 110 V - 60Hz              | 1600VA     | 92 lbs (42kg)               |
| Clave23+ | 9.72" x 17.71" (247mm x 450mm)               | 23 L | D 27.2" x W 19.3" x H 17.9"<br>(D 690mm x W 490mm x H 455mm)  | D 15" x W 7.6" x H 0.7"<br>(D 380mm x W 192mm x H 18mm)   | 4               | 110 V - 60Hz              | 1600VA     | 121lbs (55kg)               |
| Clave28+ | 11" x 19" (279mm x 483mm)                    | 28 L | D 25.25" x W 22.5" x H 18.5"<br>(D 640mm x W 570mm x H 475mm) | D 15.7" x W 8.4" x H 0.7"<br>(D 400mm x W 212mm x H 18mm) | 4               | 110 V - 60Hz              | 1600VA     | 202 lbs (92kg)              |
| Clave45+ | 12.6" x 24.3 (319mm x 617mm)                 | 45 L | D 33.1" x W 25.2" x H 22.0"<br>(D 840mm x W 640mm x H 560mm)  | D 21" x W 9.7" x H 0.7"<br>(D 535mm x W 246mm x H 17mm)   | 2 or 5          | 220V - 60Hz               | 2300VA     | 227 lbs (103kg)             |
| ClaveB   | 9.72" x 17.71" (247mm x 450mm)               | 23 L | D 27.2" x W 19.3" x H 17.9"<br>(D 690mm x W 490mm x H 455mm)  | D 15" x W 7.6" x H 0.7"<br>(D 380mm x W 192mm x H 18mm)   | 4               | 230 V - 60Hz              | 2300VA     | 141 lbs (64kg)              |

FULLY AUTOMATIC STERILIZER

Ultra Fast Class S



Clave8+

Class S Automatic Sterilizer



Clave16+



Clave23+



Clave28+



Clave45+

Class B Pre/Post  
Vacuum Sterilizer



ClaveB

Health Canda Licensed  
ETL/CSA Approved Mark  
ISO 13485:2016  
FDA Approved

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