Autoclave

Steam Sterilization

FLIGHT
DENTAL SYSTEMS
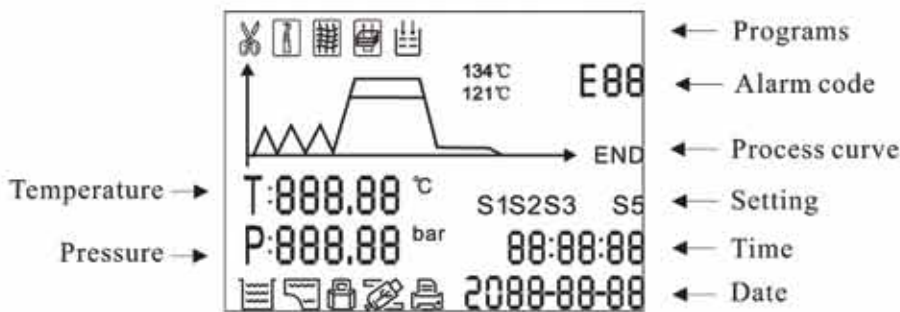
Autoclave Class N

Fully Automatic

CLAVE16

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 Chamber)
- High Quality 304 Stainless Steel
- Optional External Printer Available
- 2 Year Warranty

LCD DISPLAY WITH INTUITIVE CONTROLS

134°C
121°C

E88

END

Temperature → T:888.88 °C   S1S2S3   S5

Pressure → P:888.88 bar   88:88:88

2088-88-88

← Programs
← Alarm code
← Process curve
← Setting
← Time
← Date

134°C   PRION   07:03
P:- 21kPa   T:121.0°C

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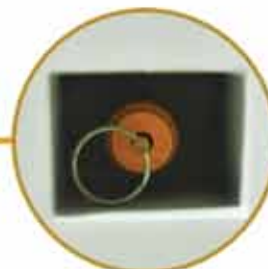
Double Locking Mechanism

LCD Display

Printer port and USB port

Pressure safety valve

Electrical Safety Breaker

CLAVE16+   With Compressor for Drying

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

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.

- The system is able to detect any problems or faults with the machine with specific errors codes and make diagnosing and trouble shooting much easier and faster.

- Built-in water level sensors are able to detect min and max water levels and alert the user.

STERILIZATION PROGRAMS

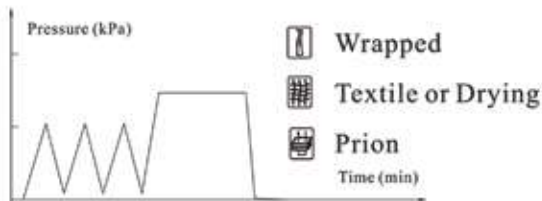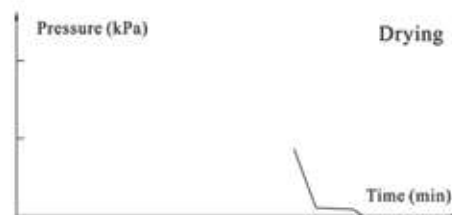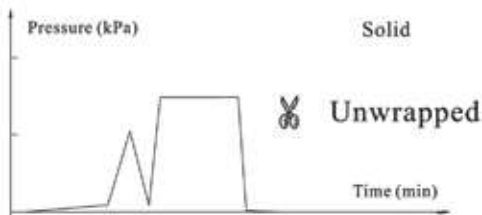| Programs	Temp °C	Pressure k.Pa	Type	Total Time (mins)
UNWRAPPED	134	210	Unwrapped solid material	14-30
	121	110		30-45
WRAPPED	134	210	Wrapped solid or hollow material	30-45
	121	110		35-60
LIQUID	134	210	Liquid	30-55
PLASTIC	121	110	Plastic	35-60
PRION	134	210	Unwrapped porous material	30-55
			Single-wrapped porous material	
			Dual-wrapped porous material	
			Single-wrapped hollow material	
			Dual-wrapped solid & hollow material	

Autoclave Class N

Fully Automatic

CLAVE23

FEATURES

- Unique Pressure-Pulsing Steam Injection
- Low Maintenance Chamber Type Autoclave
- 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
- Optional External Printer Available
- 2 Year Warranty

FULLY AUTOMATIC PROGRAMMED CYCLES

Pressure (kPa) — Solid — ✂ Unwrapped — Time (min)

Pressure (kPa) — Drying — Time (min)

Pressure (kPa) — 🗍 Wrapped — 🎞 Textile or Drying — 🎞 Prion — Time (min)

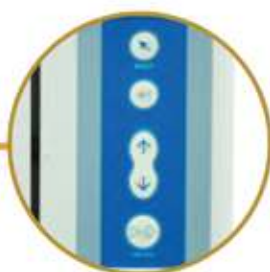Pressure (kPa) — Liquid Plastic — 🎞 Liquid or Plastic — Time (min)

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

Stainless Steel Chamber and Trays

Touchpad Control

Independent Steam Generator

Distilled Water Reservoir

CLAVE23+

DOCUMENTATION

● **Printer:**
An external printer is optional for all "Flight" autoclaves.

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

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

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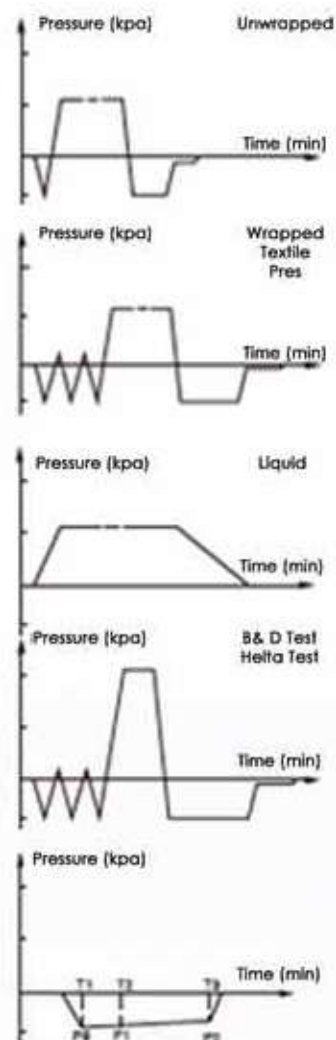
STERILIZATION PROGRAMS

Programs	Temp °C	Pressure k.Pa	Type	Total Time (mins)
UNWRAPPED	134	210	Unwrapped solid material	14-30
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	121	110		35-60
LIQUID	134	210	Liquid	30-55
PLASTIC	121	110	Plastic	35-60
PRION	134	210	Unwrapped porous material	30-55
			Single-wrapped porous material	
			Dual-wrapped porous material	
			Single-wrapped hollow material	
			Dual-wrapped solid & hollow material	

CLAVE B

STERILIZATION PROGRAMS

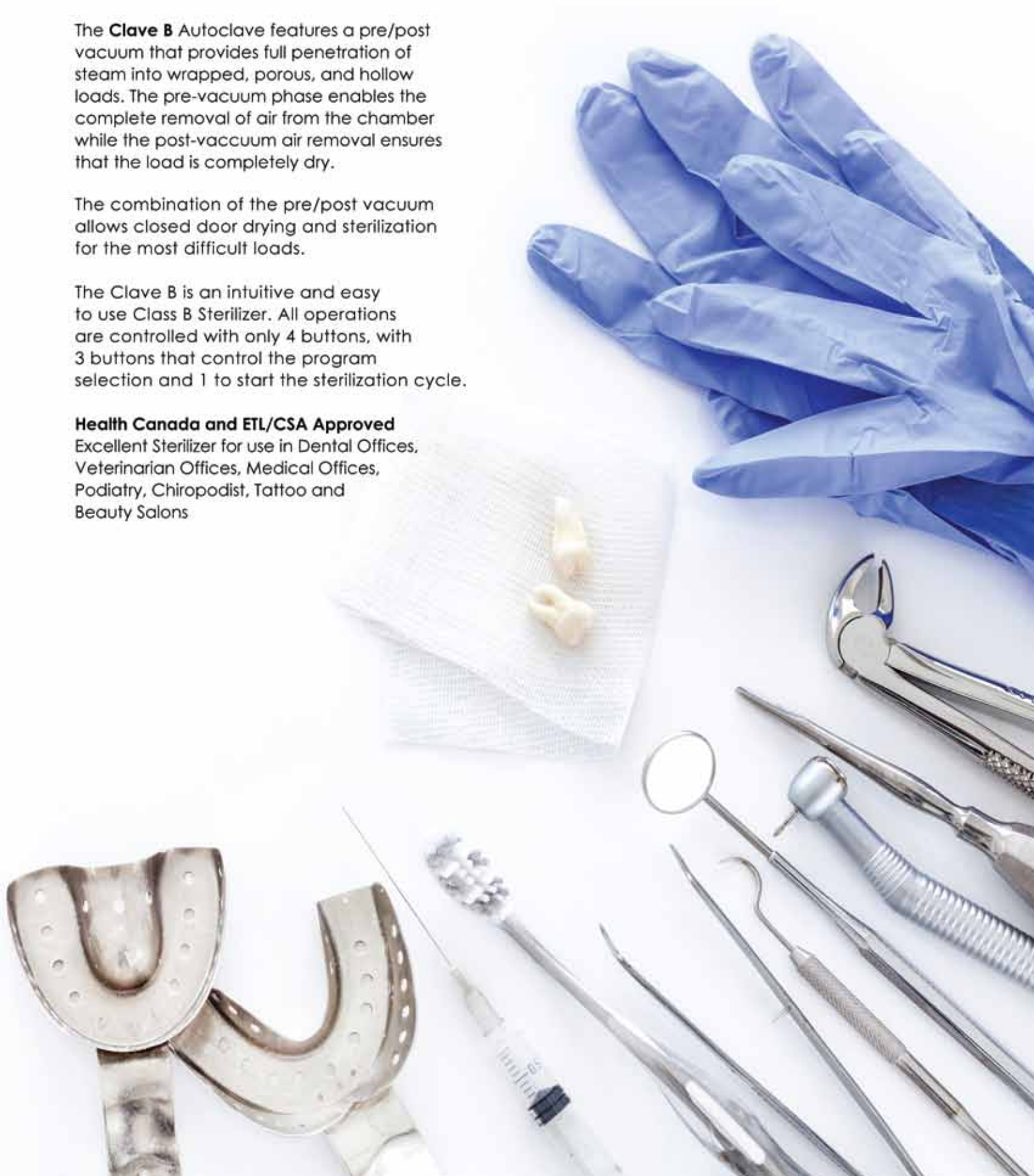| Programs	Temp °C	Pressure k.Pa	Type	Total Time (mins)* *includes drying time
UNWRAPPED	134	210	Unwrapped solid material	14-30
	121	110		30-45
WRAPPED	134	210	Wrapped solid or hollow material	30-45
	121	110		35-60
PLASTIC	121	110	Plastic	35-60
PRION	134	210	Unwrapped porous material	35-55
			Single-wrapped porous material	
			Dual-wrapped porous material	
			Single-wrapped hollow material	
			Dual-wrapped solid & hollow material	
TEST	134	210	B&D, Helix, Vacuum	...

The **Clave B** Autoclave features a pre/post vacuum that provides full penetration of steam into wrapped, porous, and hollow loads. The pre-vacuum phase enables the complete removal of air from the chamber while the post-vaccuum air removal ensures that the load is completely dry.

The combination of the pre/post vacuum allows closed door drying and sterilization for the most difficult loads.

The Clave B is an intuitive and easy to use Class B Sterilizer. All operations are controlled with only 4 buttons, with 3 buttons that control the program selection and 1 to start the sterilization cycle.

Health Canada and ETL/CSA Approved
Excellent Sterilizer for use in Dental Offices, Veterinarian Offices, Medical Offices, Podiatry, Chiropodist, Tattoo and Beauty Salons
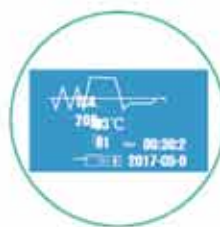
CLAVE B

Features

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

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

The display shows distilled water level, waste water level, printer connected and door lock symbols.

A specific error code is displayed to facilitate trouble shooting.

Documentation

Optional built-in printer, can automatically print the report at the end of each cycle

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

The last 20 sterilization reports will be saved on an internal memory and can be transferred to a USB drive or printed at any time

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 electronic door lock for added safety when a sterilization cycle is running.

A high grade stainless steel chamber is used for added durability

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

CLAVE B

SafetyValve

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

SteamReleasePorts

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

SolenoidValve

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.

CircuitBreaker

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

BacteriaFilter

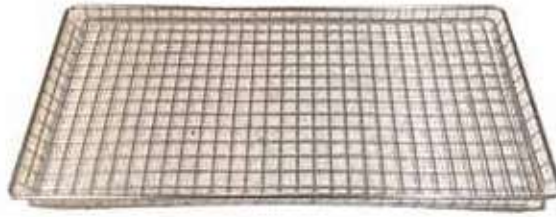Premium Bacteria Filter increases filtration efficiency and reduces maintenance required.

VacuumPump

High Quality Japanese made vacuum pump is extremely quiet and efficient. Creates optimal air removal and closed door drying for the sterilizer.

Accessories

STERILIZATION TRAYS

Model	Size	Order No.
Clave16	6.69" x 11.22"	90012057
Clave23	7.56" x 14.96"	90012058

THERMAL PAPER

Box of	Size	Order No.
100	2.25" x 1 1/8"	90012043

BACTERIA IN-TAKE FILTER

Model	Order No.
ClaveB	90012041

EXTERNAL PRINTER

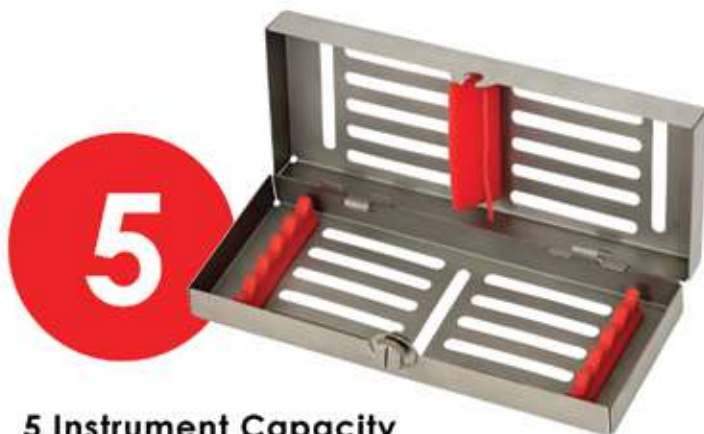| Model		Order No.
Clave16 Clave23	Thermal Printer	90012042

DOOR SEALS - SILICONE

Model	Order No.
Clave16	90012034
Clave23 ClaveB	90012045

Flight Sterilization Cassettes

The Flight Sterilization Cassettes are made with high quality stainless steel material and siliconeracks 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 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 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 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 Instrument Capacity
Order No: CA-2001
Dimensions: 1-5 / 16" x 7-5/16" x 11-7/16" (33.3 x 185.7mm x 290.5mm)

Technical Specifications

Model	Chamber Dimensions (Diameter x L) in (mm)	Vol	Overall Dimensions DxWxH in (mm)	Tray Dimensions DxWxH in (mm)	No. of Trays	Voltage (V) Freq. (Hz)	Power (W) Current (A)	Shipping Weight lbs (kg)
Clave16/ Clave16+	9.05" x 14.17" (230mm x 360mm)	16 L	D 24.4" x W 17.3" x H 15.7" (D 620mm x W 440mm x H 400mm)	D 11.2" x W 6.7" x H 0.7" (D 285mm x W 170mm x H 18mm)	3	110V 60Hz	1900VA	42kg
Clave23/ Clave23+	9.72" x 17.71" (247mm x 450mm)	23 L	D 27.6" x W 18.9" x H 17.5" (D 700mm x W 480mm x H 445mm)	D 15" x W 7.6" x H 0.7" (D 380mm x W 192mm x H 18mm)	4	110V 60Hz	1900VA	55kg
ClaveB	9.72" x 17.71" (247mm x 450mm)	23 L	D 27.2" x W 19.3" x H 17.9" (D 690mm x W 490mm x H 455mm)	D 15" x W 7.6" x H 0.7" (D 380mm x W 192mm x H 18mm)	4	230V 60Hz	1750VA	64kg

Fully Automatic Sterilizer

Fully Automatic Sterilizer

Clave16

Clave23

Class B Pre/Post Vacuum Sterilizer

ClaveB

Health Canada Licensed
ETL/CSA Approved Mark
ISO 13485:2016

FLIGHT
DENTAL SYSTEMS

21 Kenview Blvd. Unit 9,
Brampton, ON Canada L6T 5G7
Phone :   905-799-0517
Toll Free : 1-866-799-0517
Fax : 1-905-793-2406
www.flightdentalsystems.com

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