

equitron[®]

Autoclave Class B CLB Series

Sterilization
one less thing to worry about

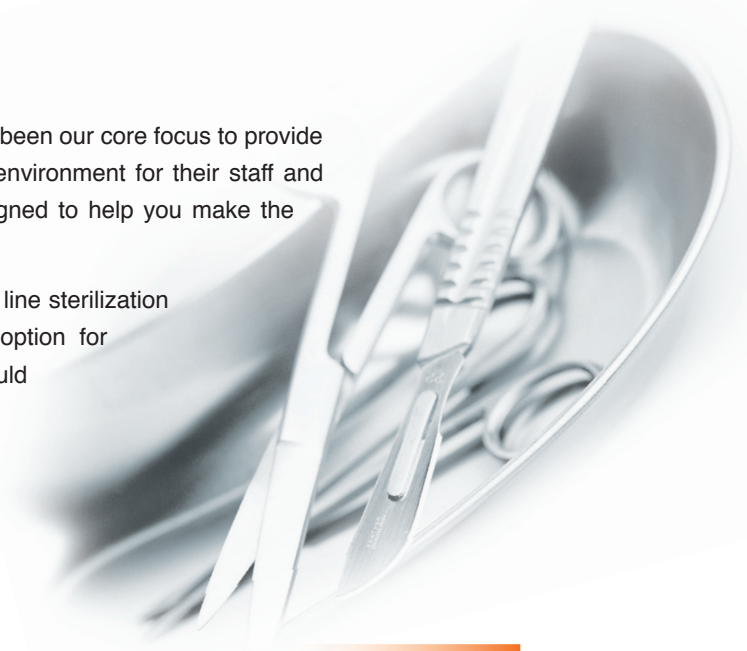




Designed for critical sterilization processing needs

With 50 years of experience in steam pressure sterilization, it has been our core focus to provide customers with a robust solution, and thereby, a safer working environment for their staff and patients. The equitron Class B Autoclave (CLB Series) is designed to help you make the choice towards better patient safety.

Tailored for the Healthcare professional that requires a top of the line sterilization solution for hard-to-sterilize items, it is the ideal Autoclaving option for pouched or wrapped instruments as well as garments - which would come out dry and ready for immediate use.



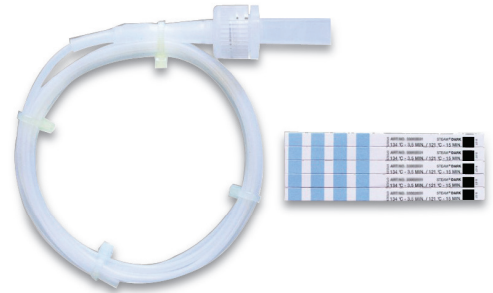
With advanced features that guarantee reliable sterilization, the equitron Class B Autoclave sterilizes even the most critical loads, such as phaco tubes in ophthalmology as well as implants and lumens in dentistry.



- Veterinary
- Ophthalmology
- Biological Labs
- CSSD
- Cosmetic Surgeons
- Dental Clinics
- Hospitals
- Tattoo & Pedicure Parlours

HELIX TEST - FOR ASSURED STERILIZATION

The *equitron* Class B Autoclave passes the Helix Test, thus ensuring that your load is effectively sterilized. The Helix Test indicates the strength of steam exposure in the chamber by verifying the air removal and steam penetration levels. The Helix Test is a process challenge device which simulates the worst case scenario of sterilising tubings, lumens & hollow loads. Ophthalmic & Dental Surgeons as well as certain other other medical specialties use several instruments that have long hollow parts. An imperfect sterilization may lead to patient infection. With *equitron* Class B Autoclave passing the Helix Test, you can be rest assured of the sterility of your hard-to-sterilize items such as tubings, lumens and hollow loads.



LOAD TYPES



Wrapped Loads



Pouch



Cotton



Solid & Hollow (Type A) Instruments

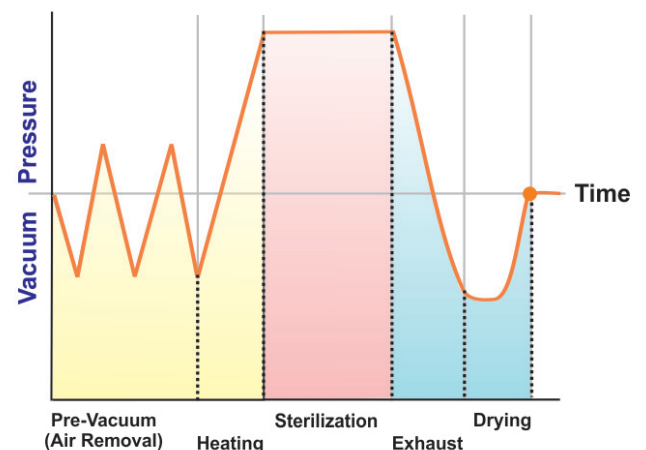


Garments

*For effective steam penetration, loading pattern should be in accordance with the Autoclave manual

PRE-VACUUM AIR REMOVAL FOR EFFICIENT STERILIZATION

In the *equitron* Class B Autoclave, during the Pre-Vacuum phase, air is removed from the chamber and load with the help of a vacuum pump. This is ideal for hollow loads as well as porous loads, such as pouched & wrapped instruments and fabrics, where air pockets get easily trapped within the load. This is a major barrier for effective steam penetration. By drawing a vacuum, air pockets present in the chamber and load are effectively evacuated. This enables the steam to efficiently penetrate into areas which are difficult to reach otherwise and results in far more reliable sterilization and shorter cycle times. At the end of the sterilization phase, the vacuum pump is used for post vacuum drying



SAFETY

- Safe & long lasting chamber manufactured to ASME standards
- Durable SS 304 chamber
- Electric interlock for lid lock safety
- Lid locked when under pressure
- Electrical safety by MCB
- Door remains locked until chamber pressure equalizes to room pressure
- Automatic water quality check - protects the chamber from corrosion
- Over pressure safety
- Audio & visual alarms



Focus on your patients
Let equitron take care of sterilization

CONVENIENCE & STERILIZATION INTEGRITY

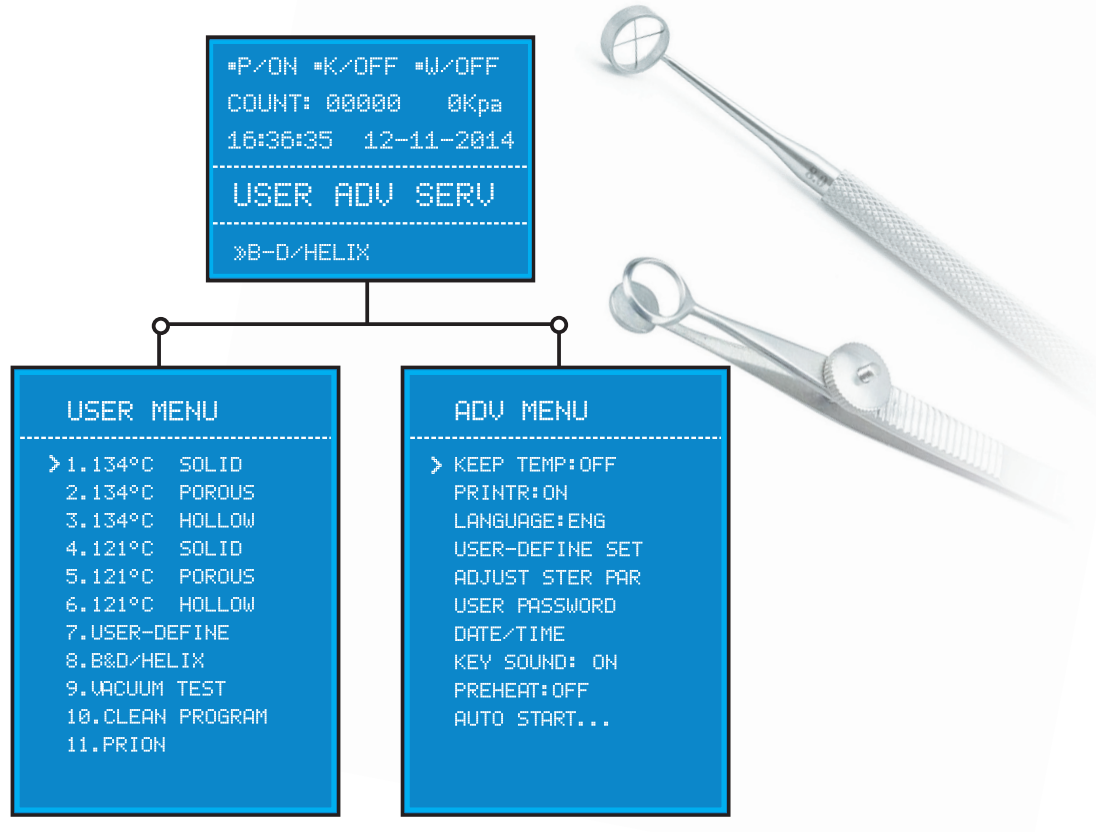
- Simple & user friendly LCD control panel
- Fast & single lever door locking feature
- Front feet height adjustable
- 2 water tanks of 4.5L each - for fresh water & waste water
- Bacteria filter



CYCLE RECORDS

- Easy traceability through USB memory port - view cycle data on PC
- User password
- Cycle data print saves you from medico legal cases





PROGRAM CYCLES

- 6 preset
- 1 user defined
- Prion
- Helix / B&D Test
- Vacuum Leak Test
- Cleaning Program

PARAMETERS

- **Ster Temp** 121-134°C
- **Ster Time** 4-30 mins
- **Dry Time** 1-25 mins
- **Vacuum Time** 1-10 times

UTILITIES REQUIRED

- **Electrical Supply**
230 VAC, 50Hz, single phase
- **Well Ventilated Room**
Spacing of atleast 200 mm on all sides

TECHNICAL DATA

Model	Unit	#7474B-18	#7474B-22
Capacity	L	18	22
Inner dimensions	mm	Ø 250 x 350	Ø 250 x 450
Outer dimensions (WxDxH)	mm	500 x 610 x 430	500 x 650 x 430
Loading type	-	Front	
Heater power	kW	2.4	
Trays	nos	3	
Temperature Range upto	°C	134	
Operating Pressure	psi / kPA	30 / 206.8	
Duty Cycle	-	Four cycles in an eight hour shift	
Min Installation Size	mm	540 x 415	
Packing Dimensions (WxDxH)	mm	730 x 570 x 520	770 x 570 x 520
Net / Gross Weight	kg	53 / 61	54 / 62



Trolley - optional accessory

Optional Accessory - Trolley Stand (#S3082-69) - 500 x 585 x 900 mm

ACCESSORIES

WATER STILL *Stone-Fin*

Fill it, Shut it, Forget it

- Eco friendly design that eliminates wastage of water
- 4L food grade distillate collection container
- Innovative standalone design works without a running water connection - can be placed just about anywhere (requires table top space of just 1.2 sq.ft)
- Clear bottom in boiling chamber - easy to clean & no heater scaling problem
- Unattended operation - automatic cut out after completion of distillation
- Eliminates operator dependence
- Lowest cost of distillation achieved
- Non-corrosive & long-lasting chamber - distillation condenser piping made of SS304



#S1112-10



#7674T

Model	Product	Capacity	App. Shipping Details Net / Gr. / Volume
#7674T	Stone-fin Water Still	4 L / 4 hrs	4.2 kg / 4.8 kg / 0.06 m ³
Accessory			
#S1112-10	Distillate Collector - Transparent w/cap	4 L - for Water Still	0.3 kg / 1.0 kg / 0.011 m ³

SEALER FOR PACKAGING REELS

- Wide 10 mm sealing for leak proof seal
- In-built sliding cutter
- Provision to mount multiple size rolls up to 300 mm
- Sturdy, table top non-corrosive construction
- Replaceable blade for cutter



#7611

Model	Product	Size	App. Shipping Details Gr. (W x D x H) / Wt.
#7611	Sealer for Packaging Reels	300 x 100 mm	440 x 320 x 160 mm / 8 kg
Optional Consumables			
#S1150-15	Sterilization Packaging Reel - 05 cm	05 cm x 200 mtr	-
#S1150-16	Sterilization Packaging Reel - 7.5 cm	7.5 cm x 200 mtr	-
#S1150-17	Sterilization Packaging Reel - 10 cm	10 cm x 200 mtr	-
#S1150-18	Sterilization Packaging Reel - 15 cm	15 cm x 200 mtr	-
#S1150-19	Sterilization Packaging Reel - 20 cm	20 cm x 200 mtr	-
#S1150-20	Sterilization Packaging Reel - 25 cm	25 cm x 200 mtr	-

Other Voltages available on request.

Due to continuous improvement in design, the product supplied may have modified features.

 **Medica Instrument Mfg Co**
 Mumbai, India.
 T: +91 22 6618-9999 • F: +91 22 6618-9996
 E: sales@medicainstrument.com
 W: www.medicainstrument.com

equitron®