



Water Distiller

Use mineral-free water to protect your sterilizer and instruments at a fraction of the cost of bottled distilled water. It passes all safety tests, complying with all electromagnetic compatibility standard (2014/30/EU) and low voltage standard (2014/35/EU) requirements.



Sealing Machine

Ensures that sterilized instruments remain sealed after sterilization and maintain perfect sterility during their shelf-life.

Joident

Manufacturer & After service

Ningbo JOIDENT Electronics Technology Co., Ltd.
No. 111 JinGuNan Road, Yinzhou, Ningbo 315100, P.R.China

t +86-574-8732 8073
f +86-574-8732 9073

www.joident.com
info@joident.com

According to the regulations in force, some products and/or features may have different availability and characteristics in different countries or areas. Please contact your local distributor. JOIDENT reserves the right to modify the products illustrated in the photos without prior notice. 2020/12



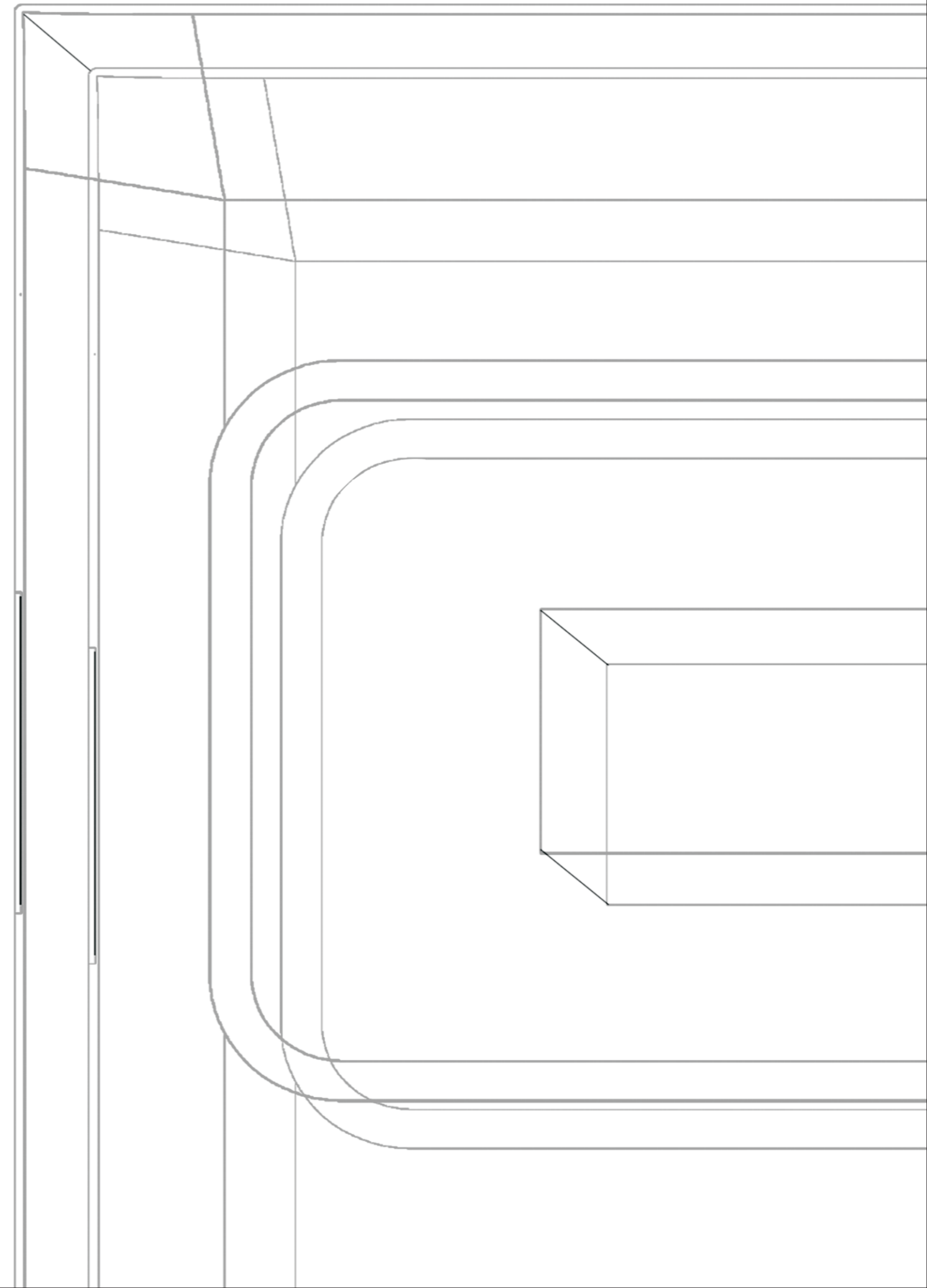
Sterilizers and accessories that help dentists and their assistants to always ensure the highest levels of safety and hygiene in their practice, in full compliance with applicable international regulations. Assures to sterilise unwrapped solid tools and porous products, small porous items, pots and containers, single-wrapped or multiple-layer wrapped products.

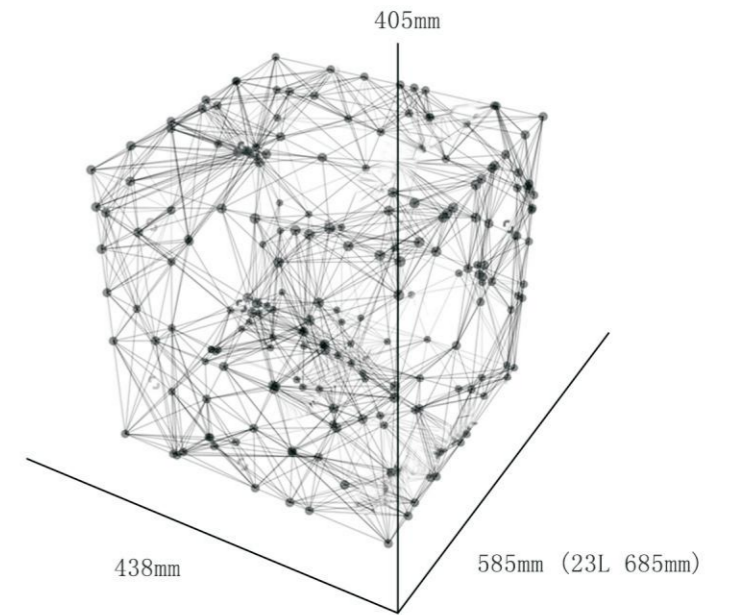
NUMBERS

Steam Sterilizer

60+ Countries User
24 months or 2000 cycles warranty
8+ Patent technology
1800+ days Aging test

Recorded in December 2019.





MODELING

Combining the experience of modern art and minimalist shape design, it is seamless from inside to outside. Our design size can be used for any occasion, so that you can experience the charm of modern art.



 Multi-language operating system



 Intelligent diagnosis system



 11 Programs and tests

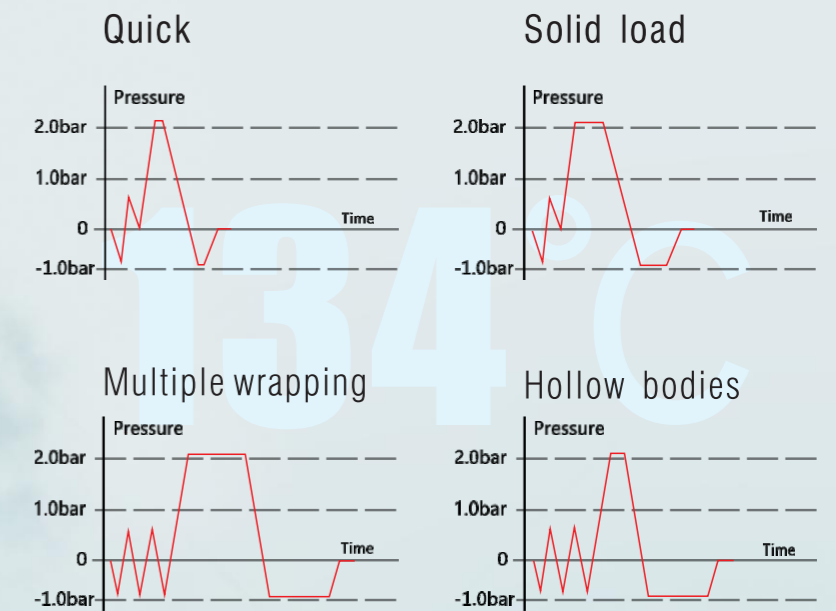


 Accurate touch interface
Simplicity Innovation Practicality

OPERATION

Only three clicks, automatically complete sterilization cycle.

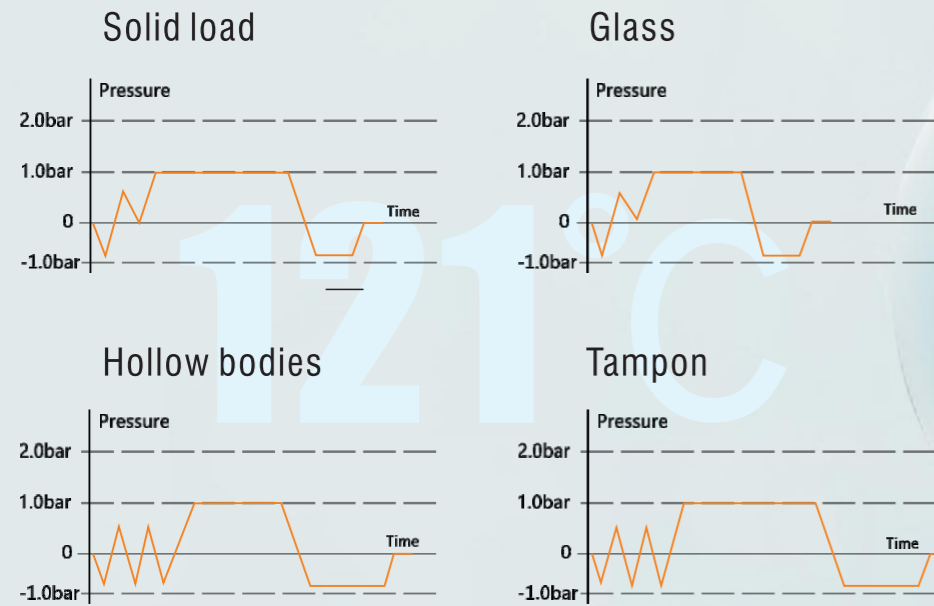
COMPLETELY AUTOMATIC CYCLES



All Programs are completely automatic and all phases are managed by the advanced card equipped with a powerful microprocessor. Each phase (vacuum, preheating, exposure time, drying) is monitored, backed up and managed automatically. There is no human intervention in cycle operation.

Program	Load type	Temp. (°C)	Cycle type	Sterilization time	Drying time
Solid load	Solid instruments	134	S	10min	9min
Quick	Only for emergency sterilization of solid equipment (fabric not)	134	S	4min	4min
Hollow bodies	Solid and hollow load, cotton fabric	134	B	5min	18min
Multiple wrapping	Cotton fabric, wrapping equipment, hollow load	134	B	18min	18min

Pre-set programs



Programs are factory pre-set and all of them guarantee a perfect and safe sterilization of treated materials.

Program	Load type	Temp. (°C)	Cycle type	Sterilization time	Drying time
Solid load	Solid instruments	121	S	30min	9min
Glass	Glass instruments	121	S	20min	9min
Hollow bodies	Low temperature textile, wrapping equipment, mixed loading (packaging / non packaging)	121	B	20min	18min
Tampon	Prion	121	B	30min	18min



NOVO PRO PERFORMANCE

Designed to make your life easier, save space and guarantee higher efficiency.



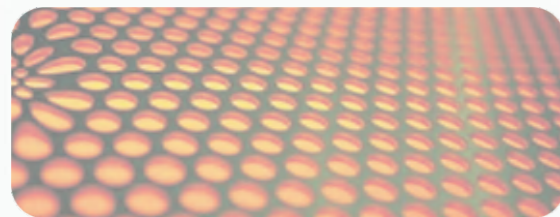
Intelligent monitoring and diagnosis system

Ensures a constant control and monitoring of the whole operating system of the sterilizer, When faults occur, it will find the failure parts sectionally, and shows the fault message and simple solution direct which makes the after-sales message is more detailed and the maintenance is more convenient. This device behaves like a "real technician" with real-time diagnostic and intervention capability.



Simplified traceability

The data of every sterilization cycle are traceable, in compliance with the applicable standards in force, thanks to the SD card Log or thermal printer(Built-in/External).



Pre-heating system

Preheating system with stand-by for minimum temperature maintenance and consequent time reduction of all the sterilization cycles



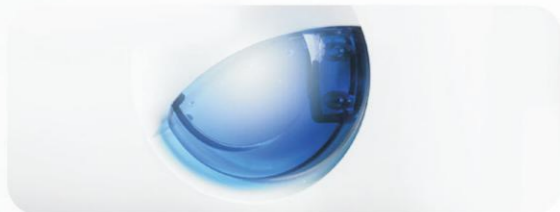
Wind cooling super window

260x142mm large cooling area,73 layers heat radiating aluminum sheet, 18 radiating pipe, to ensure the hot steam water changes to the cold water in a few seconds.



The Quick Coupling System

For water filling and draining on the front section of the sterilizer simplifies and speeds up the relevant tasks. And that's not all: it is also possible to equip the sterilizer with an automatic filing system that withdraws water from an external tank.



E.Light handle

As well as adding visual appeal and helping to highlight the handle





Water Tank

Water tank group completely accessible and inspection-able for a perfect and complete cleaning as per the maintenance program and safeguard of the device.



3.5Liters Transparent open water quality monitoring

Water filling function Manual(Standard) / Automatic (Option)sterilizers, to facilitate filling operation, are equipped with a pump-operated filling system featuring a level sensor that stops water filling if the tank is full.



Built-in water quality detection (Option)

Thanks to the built-in water quality detector, it can provide better water source for the sterilizer and extend the use time of the sterilizer.



Average water consumption:

Novo Pro18L: 0.15L(Min) 0.26L(Max)
Novo Pro 23L: 0.17L(Min) 0.31L(Max)



The Door

3 safety devices

Newly designed door is easy to open and close with one hand. Safety locker with double safety locking mechanism. Cycle will not start if the door is open or not properly locked. Safety locking device prevents door from opening until chamber pressure reaches atmospheric pressure.



Mechanical Lock



Sensor Switch



Pressure lock to prevent the door from opening while the cycle is running.

Carrier & Tray

Carrier

The carrier can be loaded with up to 5 trays or 3 trays, rotated by 90°,



Steel wire carrier

23L 410x205x200mm
18L 310x205x200mm



Steel wire tray

23L 380x190x20mm
18L 280x190x20mm



Instruments management assistant option

F.g. mirrors, probes etc.
205x140x32mm



Instruments management assistant option

E.g. mirrors, probes etc.
180x125x20mm

Test & Clean



Cleaning Tabs

A special effervescent tablet for cleaning the chamber. Placed inside the chamber, it removes limescale and dirt residue from the boiler upon activating the cycle.



Helix Test

Allows you to verify steam penetration into hollow instruments. The test consists of a silicone hose (measuring 1.5m in length and 2 mm in diameter) and a multi-parameter indicator to be placed in its housing on one end of the hose. These indicators are easy to interpret and comply with the EN 867-5 and ISO 11140-1 standards.

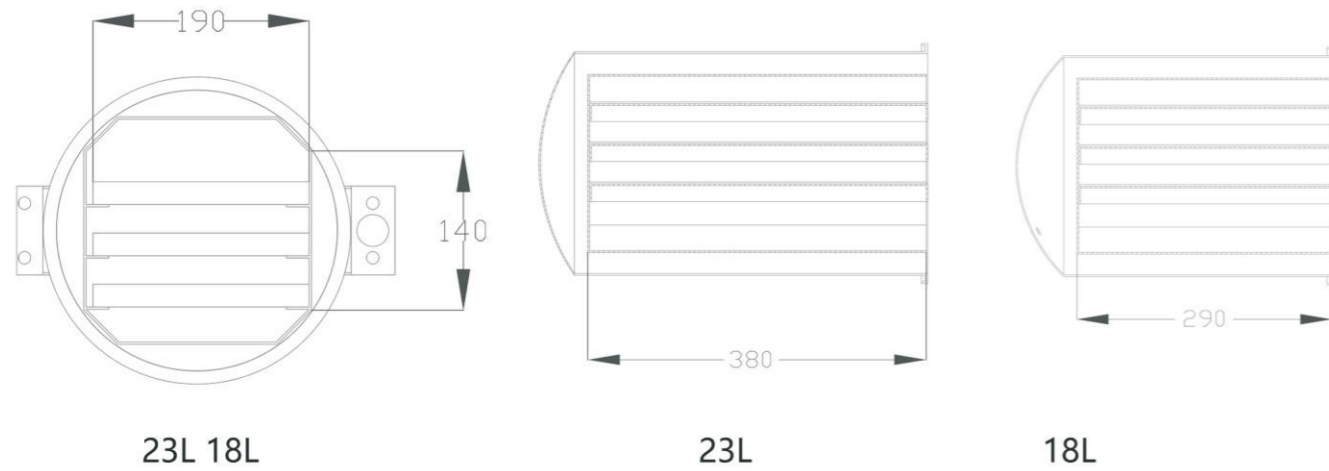


Bowie & Dick Test

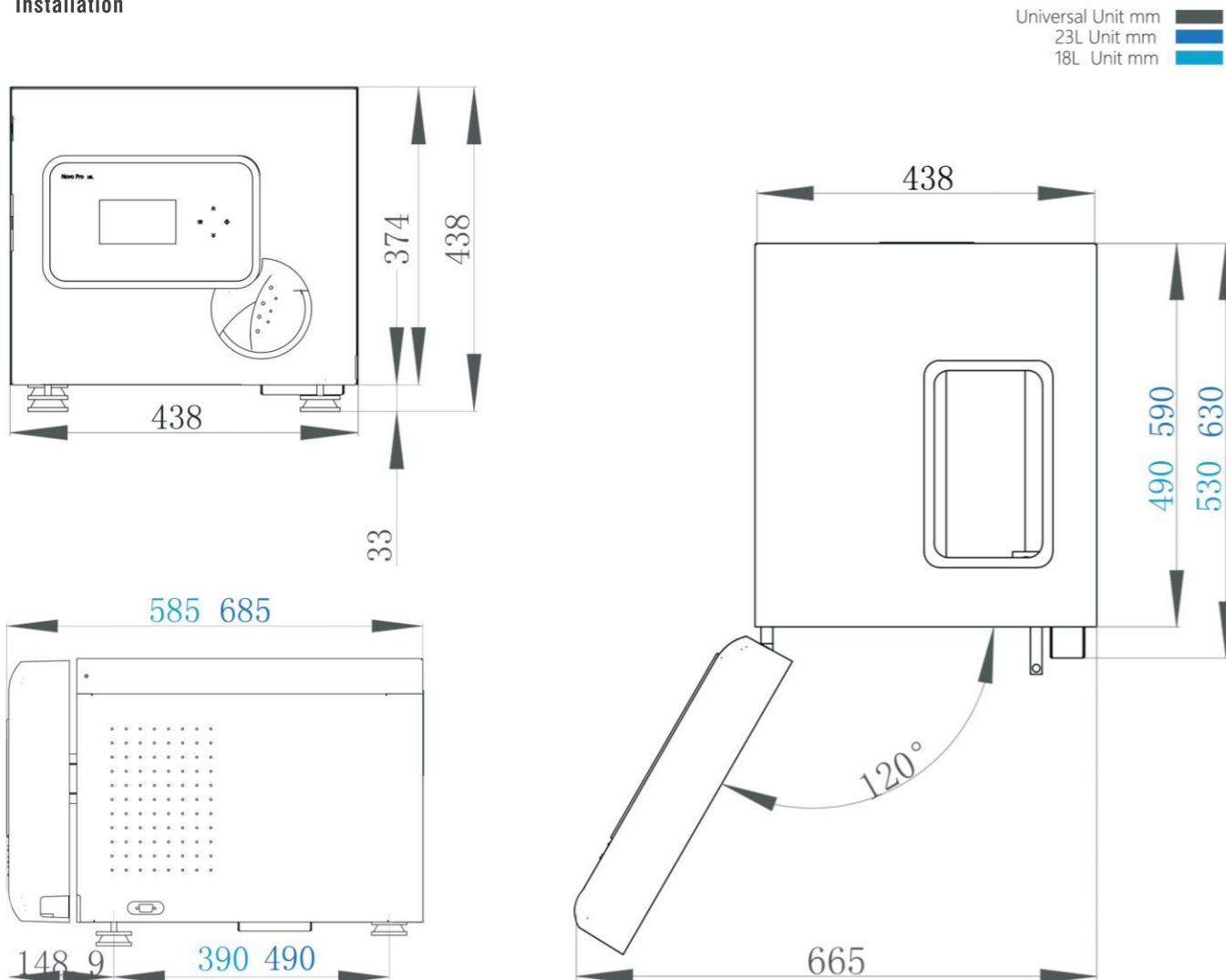
Test for Class B sterilizers to evaluate the penetration efficiency in porous loads.

Dimensions

Chamber



Installation



Technical Data

Electrical supply:	200-240 VAC – 50/60 Hz, single - phase
Nominal voltage:	230 VAC
Max. current:	10 A
Max altitude:	2000m asl, More than 2000m call service
Max Working Pressure	2.5Bar(250kPa)
Min Working Pressure	-0.9Bar(-0.9kPa)
Min. atmospheric pressure:	0.7 bar
Max Temperature	< 145°C
Overall dimensions:	585mm x 438mm x 405mm(Novo Pro 18L) 685mm x 438mm x 405mm(Novo Pro 23L)
Max. weight (fully loaded):	50 kg (Novo Pro 18L), 60 kg (Novo Pro 23L)
Pressure safety valve	2.45 bar
Vacuum:	> -0.08Mpa
Sound power levels	< 80db
Sterilizer chamber:(Total volume)	245 mm x D355 mm (Novo Pro 18L) 245 mm x D445 mm (Novo Pro 23L)
Usable chamber volume:	198 mm x 204mm x 319mm (Novo Pro 18L) 198 mm x 204mm x 385mm (Novo Pro 23L)
Bacteriological filter:	The filtration efficiency of particles above 0.3µm be no less than 99.5%
Distilled or demineralized water Water quality:	Fulfilling EN 13060 Ann. C (conductivity < 15µS/cm)
Average water consumption:	Novo Pro18L: 0.15L(Min) 0.26L(Max) Novo Pro 23L: 0.17L(Min) 0.31L(Max)
Tank volume:	Clean water 3.5 L

Conformity

STERILIZER featuring type B sterilization cycles conform with the following standards:

93/42/EEC	Medical Device Directive (MDD)
EN 13060	Small steam sterilizer
IEC 61010-2-040	Safety requirements for electrical equipment for measurement, control and laboratory use; particular requirements for autoclaves using steam for the treatment of medical materials and for laboratory processes.
EN 61326	Electrical equipment for measurement, control and laboratory use: EMC requirements.
IEC 61010-1	Safety requirements for electrical equipment for measurement, control and laboratory use, general requirements