

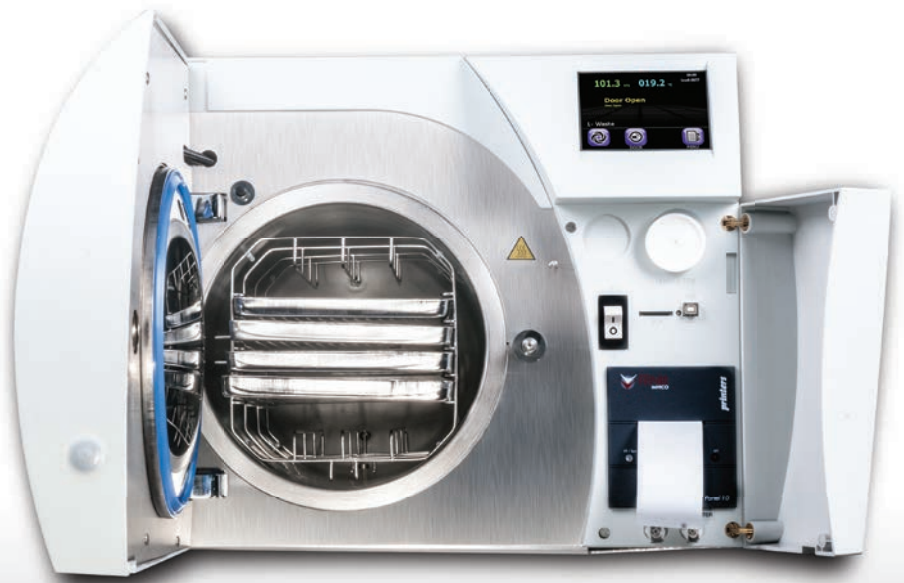
celitron

WE THINK GREEN!

BENCH-TOP STEAM STERILIZERS

Sting 11 B Class Sterilizers

- **Easy to use** - one touch operation.
- **Fast and economical** - sterilization cycles from 21 minutes with advanced water and energy saving systems.
- **Mobile** - plug & play concept.
- **Efficient** - load up to 6 trays or 4 cassettes.
- **Best solution** - for private and dental clinics.



Sting 11 B

CE 2409

High-tech in sterilization

BENCH-TOP STEAM STERILIZERS

Sting 11 B Class



Sting 11 B and Sting 11 B Premium are fully automatic high-speed pre & post vacuum steam sterilizers, designed with the highest quality for sterilization of wrapped materials, hollow instruments and porous loads in hospitals, private clinics, dental practices and veterinary offices.

These models have been sold to 40+ countries in Europe, the Middle East, Latin-America, Africa and Australia, and are highly recommended by doctors and professionals.

Chamber

All components used have been selected carefully, meeting the highest quality standards and requirements from leading companies with

the most advanced technologies around the world. The Sting 11 B bench-top autoclave models are equipped with a 25-liter jacketed chamber made of stainless steel 316L, which conforms to the Pressure Equipment Directive (PED).

Construction

The design of these table-top autoclaves is modern, ensuring reliable operation, incorporating high-tech features. Behind its success is a team of multi-disciplinary engineers, who have developed sterilization equipment on OEM basis for leading manufacturers around the world, for more than 20 years.

Internal steam generator

With the high-speed integrated steam generator, the steam is always ready, resulting in fast sterilization cycles. Using a built-in powerful dry membrane vacuum pump, water is no longer needed during the vacuum stage, and is thus environmental friendly.

All autoclaves are equipped with Energy Saving Mode, which reduces power consumption by 30%, and activated if the autoclave is not in use after a certain period of time.

Microprocessor controlled steam sterilizer

Operating the unit is very simple, thanks to the microprocessor based control system and the friendly Graphic Touch-Screen User Interface, available for users in a variety of languages. The steam sterilizers have fully automatic door locking system, enabling opening and closing with just one button.

The cycles

Sting 11 B Series offer 7 preset cycles, 5 sterilization cycles with sterilization temperatures of 121°C and 134°C and 2 test cycles to assure a proper sterility level. Up to a total of 20 cycles can be custom designed according to the user's needs.

Each cycle can be documented by the printer which records the cycle parameters or can be collected through an SD card, providing environmentally friendly, paperless recording.

In addition to the stand-alone unit, a water purification system is available in order to improve the quality of the water and to avoid the need to manually refill the water reservoir.

Plug & play concept

Easy to install, (due to its utilities free concept,) just plug into the power source and start sterilizing. The modular design of all internal and external components, together with the self-diagnostic system ensure easy maintenance, resulting in reliable service and performance and satisfied operators.

Sting 11 B Family can be used to sterilize dental hand pieces, laparoscopes, wrapped surgical sets, etc., and provides the most advanced and best solution for hospitals, dental, veterinary and small clinics.

With a range of accessories these autoclaves can be easily customized according to the customer's requirements.

Certified

Through the numerous safety features, the Sting 11B steam sterilizers meet the highest standards and requirements for quality, safety and operation (EN 13060 – Small Steam Sterilizers standard; Pressure Equipment Directive (PED); Medical Device Directive MDD 93/42/EEC; EN 60601-1, EN 61010-1 and EN 61326 safety standards, etc. and CE approved).



**Recommended for hospitals,
private clinics, dental practices
and veterinary offices.**

Sting 11 B Class

TECHNICAL SPECIFICATIONS



Model Sting 11 B Series	Sting 11B	Sting 11B Premium
Autoclave type	Class B	
Chamber dimensions, Inner Dia. x Depth	261 x 472 mm	
Chamber volume	25 liters	
External dimensions W x H x D	534 x 475 x 609 mm	
Approximate Weight	70 kg	
Power supply *	1 ph. 220 V, 50/60 Hz	
Power with steam generator	3000 W	
Available sterilization cycles	Flash 134 °C / Unwrapped 134 °C / Wrapped 134 °C / Prion 134 °C / Porous 121 °C	
Available test cycles	Bowie & Dick test / Vacuum test	
Touch-screen display	LCD 4.5" Blue/White Graphic	LCD 5.7" Color Graphic
Cabinet	Painted quality steel	Stainless steel

* Adjustable to different voltage systems

Accessories



Printer – Each cycle is documented by the integrated printer (thermal / ink) which records the preset and actual parameters of the cycle: the selected sterilization or test cycle, cycle parameters, date, time, temperature, pressure, errors, etc.



SD card – Sterilization cycles' data can be collected online on a SD Card through an optional SD Card Slot. Collected data can be downloaded into a computer equipped with proprietary PC Software.



Pressure gauge – Analog pressure gauge installed on the front of the sterilizer machine to indicate chamber/jacket/steam generator pressure in addition to the LCD Display.



Reverse osmosis system (water purifier) – A Reverse Osmosis system shall be used to improve the quality of the water used to generate steam in the electric steam generator and to secure fully automatic operation. The use of mineral-free water will contribute to better performance and longer life of the autoclave's chamber.



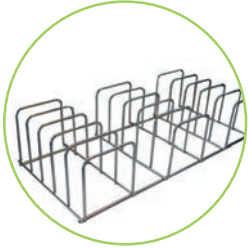
HMI PC software (Monitoring and Documentation Software) – Powerful PC Windows based software is available for monitoring, logging sterilization cycle parameters, and providing complete control and service over the autoclaves.



Tray holder and trays – Stainless steel tray holder with up to 6 trays. Stainless Steel Tray, Size (W * H * D): 200 * 18 * 390 mm



Wire Mesh Basket – Stainless Steel Wire mesh basket. Size (W * H * D): 180 * 165 * 398 mm



Pouch Rack Type 1 – Stainless Steel Pouch Rack with 3 rows for up to 15 pouches. Size (W * H * D): 155 * 78 * 330 mm



Pouch Rack Type 2 – Stainless Steel Pouch Rack with 2 rows for up to 13 pouches. Size (W * H * D): 180 * 60 * 330 mm



Dental Aluminium Containers – Aluminium dental containers are available in different sizes.



Tray Handle Glove – Heat resistant personal protective wear for the operator.



After Sales Service

Our Service Department provides product support, parts and repair for our units. Genuine Celitron parts ensure that you continue to receive the maximum performance you expect from your steam sterilizer. At any time, if you experience a problem with the unit, we're ready to help. Contact our service team and get personal help for all your questions.



About us

Celitron is a Hungarian (EU) manufacturing company with R&D focus on sterilization and bio waste treatment systems. We have an international presence, in over 70 countries worldwide.

Celitron develops and manufactures biological infectious waste treatment solutions for medical, pharmaceutical and the agriculture industry and steam sterilizers, autoclaves for infection control and decontamination procedures in dental offices, clinics and hospitals.

Celitron designs solutions, fulfilling the market's needs in accordance with all medical sterilization and machinery directives. We apply our technology and experience into creating solutions that protect the environment.

Our vision is to fulfill the market needs with turn-key solutions using only green technology.

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Feb. 2018, Ref: BR018003 v. 10 Celitron Medical Technologies Kft. reserves the right to modify the products without any notice

Celitron Medical Technologies Kft.

Address: 2600 Vác, Szent László út 36.

Phone: +36 27 412-610, Fax: +36 27 412-611

Web: www.celitron.com

Email: info@celitron.com

ISO 9001 and ISO 13485 certified company with CE certified products