

celitron

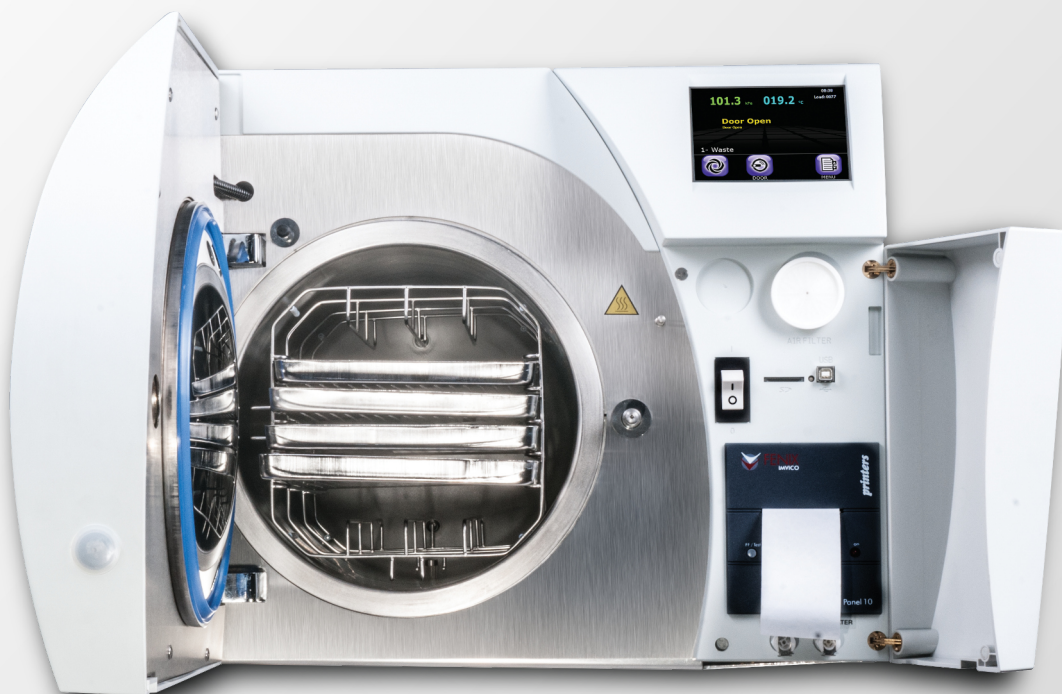
WE THINK GREEN!

- › Bench-Top Steam Sterilizer
- › Medium Steam Sterilizers
- › Large Steam Sterilizers

BENCH-TOP STEAM STERILIZER

Sting 11 B Class Sterilizer

- **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.
- **Made in Hungary/EU** – compliance with the highest EU Standards

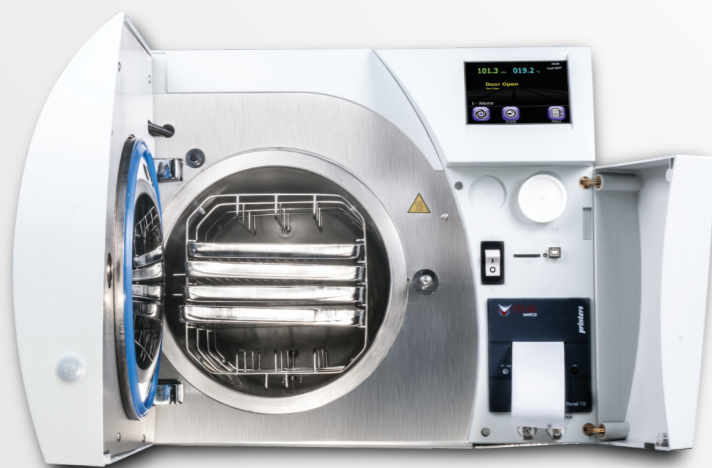


CE 2409

www.celitron.com

High-tech in sterilization

Sting 11 B Class Sterilizer



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

This model has been sold to 40+ countries in Europe, the Middle East, Latin-America, Africa and Australia, and is 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 model is equipped with a 25-liter jacketed chamber made of stainless steel 316L, which conforms to the Pressure Equipment Directive (PED).

Construction

The design of this table-top autoclave 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 sterilizer has a fully automatic door locking system, enabling opening and closing with just one button.

The cycles

Sting 11 B offers 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

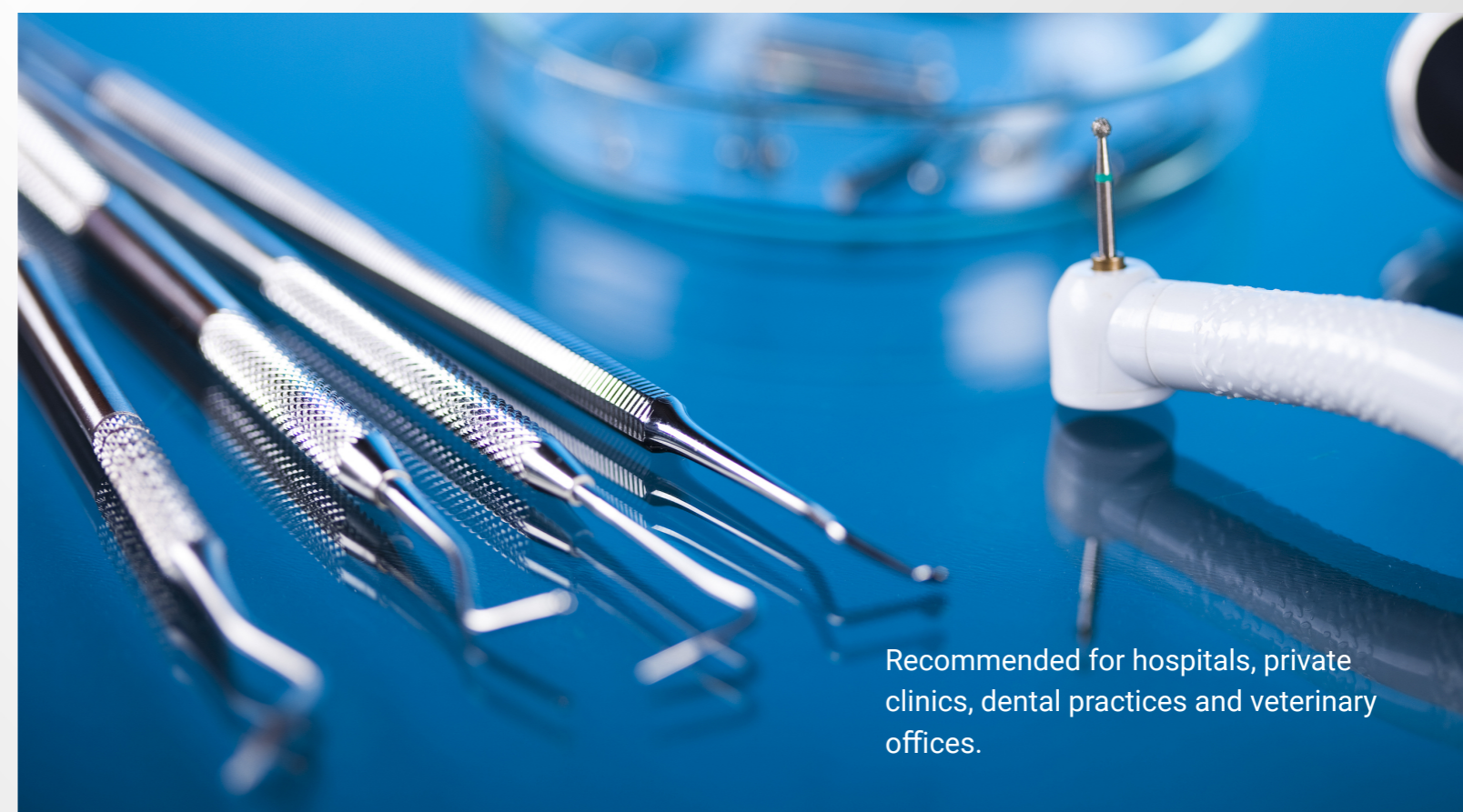
Easy to install, (due to its utilities free concept,) just plug into the power source and start sterilizing. The modular design of all internal and external components, together with the self-

diagnostic system ensure easy maintenance, resulting in reliable service and performance and satisfied operators. Sting 11 B 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 this autoclaves can be easily customized according to the customer's requirements.

Certified

The Sting 11 steam sterilizer complies to the highest standards (EN 13060 – Small Steam Sterilizers standard; Pressure Equipment Directive (PED);

EN 60601-1, EN 61010-1 and EN 61326 standards and bears the CE mark in accordance with Medical Device Directive (MDD 93/42/EEC).



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

Sting 11 B Class Sterilizer

TECHNICAL SPECIFICATIONS



Model Sting 11 B	
Chamber dimensions, Inner Dia. x Depth	261 x 472 mm
Chamber volume	25 liter
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 5.7" Color Graphic
Cabinet	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.



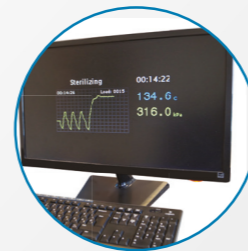
SD card – Sterilization cycles' data can be collected online on a SD Card through an optional SD Card Slot. Collected data can be downloaded into a computer equipped with proprietary PC Software.



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.



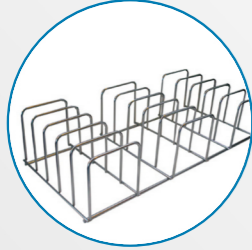
HMI PC software (Monitoring and Documentation Software) – Powerful PC Windows based software is available for monitoring, logging sterilization cycle parameters, and providing complete control and service over the autoclaves.



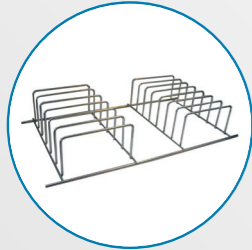
Tray holder and trays – Stainless steel tray holder with up to 6 trays. Stainless Steel Tray. Size (W * H * D): 200 * 18 * 390 mm



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



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 infectious waste treatment systems. We have an international presence, in over 80 countries worldwide.

Celitron develops and manufactures steam sterilizers (autoclaves) for infection control in dental offices, clinics and hospitals and infectious waste treatment solutions for hospitals.

Our vision is to fulfil the market needs with our autoclaves and integrated sterilizer & shredders, these using only green technology and provide clean and sterile environment.

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WE THINK GREEN!

Who are we?

Celitron is a Hungarian (EU) manufacturing company with R&D focus on sterilization and bio waste treatment systems. We have an international presence, with more than 500 deployed medical waste treatment units and over 5000 deployed steam sterilizers in over 80 countries worldwide.



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ISO 9001 and ISO 13485 certified company
with CE certified products

