



Celitron Sting 11 Super B

Redefining sterilisation in Australia

- Custom built from the ground up for the Australian Healthcare industry
- Tough, dependable and smart
- All of the benefits of a Celitron Sting 11B like a separate steam generator
- Wet Ring vacuum pump
- Built in Europe to Australian Specifications

Faster Cycle Times

134' Unwrapped	14 minutes	Door close to door open (inc. drying)
134' Wrapped	20 minutes	Door close to door open (inc. drying)
134' Handpiece	24 minutes	Door close to door open (inc. drying)

Standard Inclusions

- One Stainless Steel Tray Rack
- 4 x large Stainless Steel Trays
- One Tray Holder
- Impact Printer
- USB SD Card Reader
- SD Card
- PC Based Cycle Recording Software
- Reverse Osmosis Water System



Sting 11 Super B Specifications

Directives & Standards

Technical Standards

Pressure Equipment Directive 97/23/EC (PED) Essential safety requirements, Annex I, 7.4.
 Medical Device Directive 93/42/EEC.
 EN 60601-1:1990+ A1:1993 +A2:1995 +A13:1996 (Dir. 93/42/EEC)
 EC 60601-1:1998 +A1:1991
 EN 61010-1:01– Safety of electrical equipment- General requirement.
 UL 61010A-1:2002
 IEC 61010-1:2001
 EN 61010-2-041:96 (Dir 73/23/EEC)– Safety of electrical equipment.
 EN 61010-2-041:95 – Particular requirement for steam autoclaves.
 EN 61326 (Dir. 89/336/EE) – (EMC) Emission compatibility.
 EN 60601-1-2:01 (Dir.93/42/EEC) – (EMC) Immunity compatibility.
 EN 13060:2005– Small Steam Sterilizers.
 EN 554 (94)– Sterilization and Validation

Quality standards

Celitron's management system meets the following quality standards:
 ISO 9001:2000– Quality Management System- Requirements.
 ISO 13485:2003 – Quality systems – Medical devices – Particular requirements for the application of ISO 9001.
 EN ISO 14971 –Risk Management for Medical device.

Water Quality

Evaporate residue	≤ 15 mg/l
Silica	≤ 2 mg/l
Iron	≤ 0.2 mg/l
Cadmium	≤ 0.005 mg/l
Lead	≤ 0.05 mg/l
Rest of heavy metals	≤ 0.1 mg/l
Chloride	≤ 3 mg/l
Phosphate	≤ 0.5 mg/l
Conductivity	≤ 50 µs/cm
pH	6.5 to 8
Appearance	colorless clean without sediment
Hardness	≤ 0.1 mmol/l

Specifications

Item	Parameter	Value
Chamber	Inner Dia.	261.0 mm (10.3")
	Depth	452.0 mm (17.8")
	Chamber volume	23 lit. (6.1 gal)
External dimensions	Width (A)	53.4 cm (21.0")
	Height (B)	47.5 cm (18.7")
	Length (C)	60.9 cm (23.9")
Weight (net)		60 kg (132.2 lb)
Shipping weight		70 kg (152.1 lb)
Shipping dimensions	Width	64 cm (25.2")
	Height	58 cm (22.8")
	Length	72 cm (28.3")
Mineral free water reservoir volume		6 lit. (1.32 gal)
Maximum dimensions (door open)	Length	92.0 cm (36.2")
Distance between legs	K	46.1 cm (18.1")
	Rear	48.1 cm (18.9")
	Front	48.1 cm (18.9")
Maximum load for tray		2.0 kg (4.4 lb)
Maximum solid load		6.0 kg (13.2 gal)
Maximum textile load		2.0 kg (4.4 lb)
Max. Working pressure		2.7 bar (39 psi)
Min. Working pressure		-0.9 bar (-13.5 psi)

Item	Parameter	Value
Tray dimensions	W	18.4 cm (7.2")
	H	2.0 cm (0.78")
	L	39.0 cm (11.4")
No. of trays		4
IMS cassettes (optional)		4
Heaters power		2900W
Pollution degree		2
Voltage fluctuation		±10%
Max. Water temp. at the reservoirs		65°C (149°F)
Max. total Heating spread in 1 hour		4325 kJ
Max. support Load with full reservoirs and Generator & Coil		29 n/cm ²
Max. support Load with full reservoirs chamber and Generator & Coil		34 n/cm ²
Min. water quantity allowing the cycle		1 L
Max. Water consump. during the cycle		0.6 L
Max. Total cycle time		75 min
Peak sound level		65dB