

PL 70 - PL 130

Low Temperature Vaporized H₂O₂ Sterilizers

Caring for your most delicate instruments





Steelco PL 70 - PL 130

Safe and cost effective low temperature sterilization

User friendly low temperature vaporized H_2O_2 technology (VH_2O_2) with **low energy consumption, safety** for the user and **environmental friendly**.

The devices PL 70 and PL 130 are sterilizers which use vaporized hydrogen peroxide to eliminate micro-organisms from the surfaces and lumens of metal and non-metal medical devices previously washed, dried and packaged. This type of sterilization, performed in dry environment and at low temperature, is ideal for thermolabile and humidity-sensitive equipment.

The sterilisation is carried out by diffusing hydrogen peroxide vapour inside the chamber under vacuum obtained from a liquid solution, composed of 58% sterilizing agent.



Designed and built for compliance with ANSI/AAMI/ISO Standard 14937

- ✓ **Plug & Play installation,**
no additional facilities required
- ✓ **Small footprint,** *built-in 4 wheels with locking system.*
- ✓ **No toxic or hazardous residue**
either for operator or the environment
- ✓ **A different fast, validated, monitored and traced cycles**
- ✓ **Fast instruments turnaround**
with low running costs



Key features

This device is designed for the terminal sterilization of packaged medical devices such as surgical instrumentation sensitive to heat and humidity. It is suitable for surgical instruments in metal, metal alloys, delicate non-metallic alloys, micro-surgery instruments and hollow instruments with a maximum length up to 2200mm.

Single or double door version and flexible load capacity configurations.



User interface

7" or 10" user friendly control panel. Interactive, intuitive clear menu system with icons, visual colour coded messages, warnings and alarms.

RFID or barcode reader available upon request.



Chamber design

316 L Stainless steel rectangular chamber with **easy loading shelf(s)**. **Dedicated instrument trays** available to hold pouches in the correct position.

Sterilization cycles

The four work cycles are programmed at the factory, validated and available for running from the control panel.

FAST CYCLE (no lumen cycle)



~ 28 minutes*

For sterilizing generic reusable medical devices, rigid scopes without lumen and micro-surgery kits, with the exclusion of hollow instruments.

FLEX CYCLE



~ 42 minutes*

For sterilizing single and dual channel flexible lumens. Flexible endoscope with diameter from 1 mm and length up to 1050 mm**.

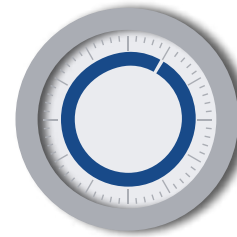
STANDARD CYCLE



~ 55 minutes*

For sterilizing hollow rigid, semi-rigid and flexible instruments with diameter from 0,7 mm and length up to 750 mm**.

INTENSIVE CYCLE



~ 65 minutes*

To sterilize hollow instrumentation single channel, dual channel and triple channel with diameter from 0,5 mm and length up to 2200 mm**.

* performance related to the PL 130
** depends on the load



Sterilization agent SteelcoPro PL

Ergonomic front loading cartridge system.

The single 58% hydrogen peroxide cartridge is able to perform the validated cycle including overkill (single-shot cartridge).

The cartridge can be disposed directly in plastic waste.



Biological & chemical indicators

The **SteelcoSure** packing tape and chemical indicators for H_2O_2 provide evidence that goods have been subject to a process.

SteelcoSure biological indicators provide independent monitoring that sterilization conditions were sufficient to kill *Geobacillus Stearothermophilus* spores.



Door control

Automatic foot operated door or through **touch display panel** on PL 130 model.

Manual hinged door on PL 70 model.



Printer and backup

An integrated thermal printer provides a complete record of all key information of user, cycle, parameters.

USB port and SD Card for data backup. Connectivity to instrument tracking systems.

Cost effective safe low temperature sterilization for large and small hospitals



Chamber dimension

Steelco PL 70

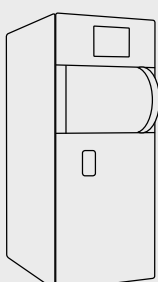
single door 82 litres / 2 ⁸/₉ ft³

double door 84 litres / 3 ft³

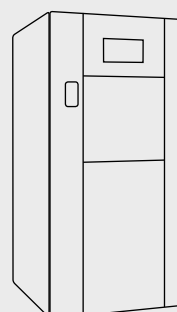
Steelco PL 130

single door 143 litres / 5 ft³

double door 148 litres / 5 ²/₉ ft³



PL 70/1 <i>single door</i>	PL 70/2 <i>double door</i>
External dimension W x D x H mm/inches	
642 x 920 x 1630	642 x 990 x 1630
25 ² / ₇ x 36 ² / ₉ x 64 ¹ / ₆	25 ² / ₇ x 39 x 64 ¹ / ₆
Chamber dimension W x D x H mm/inches	
450 x 825 x 220	450 x 850 x 220
17 ⁵ / ₇ x 32 ¹ / ₂ x 8 ² / ₃	17 ⁵ / ₇ x 33 ¹ / ₂ x 8 ² / ₃



PL 130/1 <i>single door</i>	PL 130/2 <i>double door</i>
External dimension W x D x H mm/inches	
770 x 1040 x 1685	770 x 1070 x 1685
30 ¹ / ₃ x 41 x 66 ¹ / ₃	30 ¹ / ₃ x 42 ¹ / ₃ x 66 ¹ / ₃
Chamber dimension W x D x H mm/inches	
450 x 795 x 400	450 x 820 x 400
17 ⁵ / ₇ x 31 ² / ₇ x 15 ³ / ₄	17 ⁵ / ₇ x 32 ² / ₇ x 15 ³ / ₄



Miele Group Member

ARES - flexible endoscope automated reprocessing system



Dental washer disinfectors

Flusher disinfectors

Steam sterilizing autoclaves



Washer disinfectors for central of sterilization departments

Laboratory glassware washer disinfectors



Washing and sterilizing systems for lifescience and pharmaceutical applications

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