B Classic

B Futura

Supreme

STERILIZERS

Tethys H10 plus

Tethys T60 - Tethys D60

Tethys T45

THERMAL-DISINFECTION
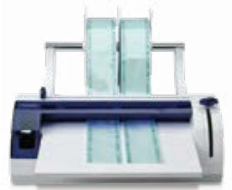
Millseal+Manual

Millseal+Evo

Millseal Rolling

THERMAL SEALERS

Highea 3

Highea 6

Highea 9

WASHING

easy, it's Mocom

Our vision.

For over thirty years, safety, reliability and innovation have been the guiding principles behind all aspects of design and production at Mocom, the world's leading sterilization firm. The factors that set us apart, in terms of both skill and innovation, are conscientious attention to the choice of materials, ground-breaking technology, enforcement of strict production/quality control protocols and the wealth of experience accumulated by our qualified, specialised sterilization system designers. Mocom, sterilization first.

CE
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mocom
STERILIZATION FIRST

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Supreme
Reshaping the sterilization world

mocom
STERILIZATION FIRST

Supreme

With its unrivalled low consumption, Supreme is the new market benchmark.

Supreme: 50 sterilization cycles with just 5 litres of tap water

Consumption is approx. 100 ml/cycle

We developed the first closed-loop sterilizer that uses mains water through a specific internal filtration system that recycles water to be reused in the following cycles. This performance eliminates waste, reduces costs and ensures a significant increase in the efficiency of any modern dentistry surgery. It also solves all issues relating to demineralised water storage and supply.

Operating principle

Unlike traditional sterilizers, Supreme does not require any external water connection for mains water treatment. Thanks to the demineralisation filter on the main tank, the user can fill the latter with plain tap water, thereby significantly optimising spaces, streamlining processes and achieving considerable savings. Supreme's different filtration systems guarantee unprecedented ease of operation.

Water treatment

The ceramic recycle filter, incorporated into the secondary tank, makes it possible to distil and purify water so that it can be reused in the following sterilization cycle. The built-in conductivity sensor ensures compliance with water quality parameters as it protects the machine internal components from excess lime. Total consumption is 5 litres per 50 cycles, meaning approx. 100 ml/cycle, a real revolution.

Advanced connectivity

An incorporated WiFi system to use the cloud

At the end of each sterilization cycle, the machine stores a report inside its memory. The user can download the cycles in PDF format at any time through the front USB port or automatically store them in the cloud using the WiFi and Di.V.A. system.

Di.V.A.

Di.V.A. stands for Digital Virtual Assistant. It is the first cloud-based control and traceability system for MOCOM sterilization devices. Once saved, data will be available for operators by accessing a dedicated web page. Di.V.A. allows you to:
- Get access to tutorial videos
- Display the executed cycles
- Check machine efficiency and status
- Read the machine usage statistics
- Monitor the frequency of sterilization tests

Remote technical support with Easy Check

All sterilizers of the Supreme range are equipped with incorporated WiFi and Ethernet port.
Connected to the Internet by enabling the Easy Check service, they can receive remote support.
Intervention times can be significantly reduced thereby allowing technicians to keep machines constantly efficient.

Printers

The Supreme range can be completed with 2 printers available as optional accessories:
- An external printer that generates reports or bar code labels.
- A wireless network printer that can be used simultaneously on more sterilizers for printing reports, simple labels or bar code labels.

Traceability software

MyTrace is Cefla's traceability software supplied with Supreme. By using this programme, each set of sterilized instruments can be associated to the patient through a bar code. This essential software completes the sterilization process and provides legal protection to dentists.

Ease of use

The 7″ touch screen is as user-friendly as a tablet

The size of the display, its performance and the research carried out to develop the user interface make the sterilizer simple and ready-to-use. Supreme's video tutorials and light indicators turn it into a unique sterilizer.

NFC - Near Field Communication

Through NFC, Supreme improves the assistant's workflow. Instead of entering a PIN code, assistants will be able to register themselves by simply placing a special user card, provided with the machine, near the display. By activating the user ID, access to the machine functions will be allowed to authorised personnel only.

Light communication

Supreme can also communicate through colours. A door built-in LED bar provides immediate information to the user about the machine status, changing colours according to the different work phases. The user will be able to understand at a glance which is the current process phase of the sterilizer, even at a distance.

Video tutorial

Through its colour display, Supreme provides video tutorials and important information for using and maintaining the machine. Everything is explained in simple videos: from information about load positioning to instructions for filter replacement. A personal assistant providing support to all operators.

Accessories

A full range of accessories to expand Supreme's functions.

1 External printer
Connected to the Supreme sterilizers via an RS232 serial port, it allows executed cycle data to be printed on thermal paper or bar code labels.

2 Network printer
Specifically designed for Supreme sterilizers, it can be connected to a network through WiFi or Ethernet and can be used simultaneously on multiple sterilizers. It allows executed cycle data to be printed on thermal paper or bar code labels.

3 Front filling kit
Allows the operator to fill the main tank frontally through a quick coupling.

4 Automatic filling kit
Consists of an external pump powered by the sterilizer and allows water to be withdrawn from an external tank to fill the main tank.

5 SV aux kit
This kit allows the sterilizer to be interfaced with the surgery water supply system so the sterilizer only draws water from the system as and when necessary.

6 Modular tray holder
Modular housing system for filling the sterilizer. Provided with 3 pairs of shelves, it allows for the full use of the chamber diameter and the introduction of even cumbersome loads.

7 Bar code reader
The bar code reader, usable on the most common PCs, makes it possible to complete the traceability process and associate bar code labels to patients.

Technical data	Supreme 17	Supreme 22	Supreme 28
Power supply voltage		220/240V 50Hz 220/230V 60Hz	
Rated power		2300 W	
External dimensions W x H x D		480 x 500 x 600 mm	
Chamber dimensions Diam. x Depth	250 x 350 mm	250 x 450 mm	280 x 450 mm
Total weight	54 kg	55 kg	56 kg
Tank capacity		4.5 litres	
Autonomy (with max. water level and both filters installed)	From 40 to 50 cycles	From 40 to 50 cycles	From 40 to 50 cycles

Sterilization cycles 220/230 V

CYCLE	Cycle type	Sterilization time (min.)	Supreme 17	Supreme 22	Supreme 28	Drying *
			Cycle times including sterilization times, net of drying times (min.)			
134 °C UNIVERSAL	B	4	27	29	37	13-17
121 °C UNIVERSAL	B	20	43	46	50	13-17
134 °C UNWRAPPED HOLLOW INSTRUMENTS	S	4	29	32	36	4-6
134 °C WRAPPED SOLID INSTRUMENTS	S	4	18	22	26	13-17
134 °C PRION	B	18	41	43	51	13-17
XXX °C CUSTOM	S	Cycle can be personalised by user at temperatures 134 °C / 121 °C, process times starting from 4' (134 °C) or 20' (121 °C) with adjustable drying				
VACUUM TEST	TEST		18	18	19	
HELIX / B&D TEST	TEST		20	24	28	
VACUUM + HELIX / B&D TEST (executed in sequence)	TEST		42	46	51	

* Drying varies according to machine model and volume
Note: times do not take the max. pre-heating time into account (10 min.).

Note: times may vary depending on the load and power supply.
Note: 120 V model times may undergo increments up to a max. of 20%.