



MILLENNIUM B μ

**The rapid type B
steam sterilizer**



For the rapid sterilization of hollow instruments and porous materials, Mocom has designed **Millennium Bμ**, the small sized type B sterilizer with an exclusive design. Millennium Bμ offers a wide range of type B, S and N cycles, all complete with pre-vacuum and drying that satisfy the most varied sterilization needs with safe and exceptionally rapid results.

AUTOCLAVABLE PRODUCTS



Porous materials



Wrapped materials



Hollow instruments



Solid instruments

STERILIZATION PROGRAMS

Material	Program	Total time*	Process
Wrapped hollow** instruments, porous materials	Porous	20 minutes	134°C 4'
Wrapped hollow** instruments, porous materials	Prion	34 minutes	134°C 18'
Unwrapped hollow** instruments	Hollow	16 minutes	134°C 4'
Wrapped solid instruments	Wrapped	16 minutes	134°C 4'
Unwrapped solid instruments	Solid	12 minutes	134°C 4'
Unwrapped solid instruments	Emergency	9 minutes	134°C 3'
Wrapped hollow** instruments, porous materials	Porous	35 minutes	121°C 20'
Unwrapped hollow** instruments	Hollow	31 minutes	121°C 20'
Wrapped solid instruments	Wrapped	31 minutes	121°C 20'
Unwrapped solid instruments	Solid	27 minutes	121°C 20'
Special	Special	variable	variable

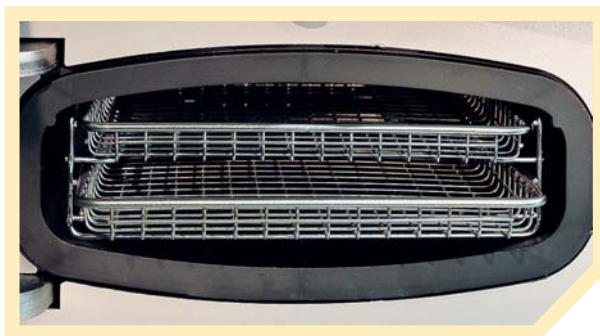
* All indicated times include the drying phase

** Hollow instruments type "A" and "B" according to prEN 13060:2002

le type B sterilizer

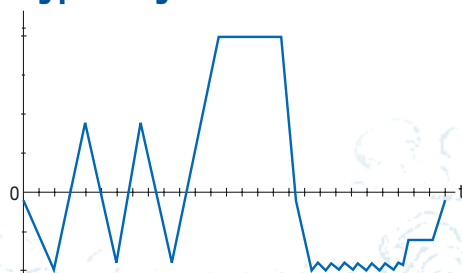
STERILIZATION CHAMBER

The special sterilization chamber is made entirely of treated Anticorodal and is characterized by an exclusive (patent-pending) ovalized shape. Its 5.5 litre capacity allows using 2 standard trays or 1 closed cassette, both supplied standard.



The only type B sterilizer equipped with 11 available cycles, **extraordinarily fast** to perfectly sterilize turbines and handpieces without damaging them.

Type B cycle



FEATURES:

Microprocessor controlled electronics

Process Evaluation System

Advanced software with multilingual display options

Intant steam generation system

Sterilization chamber of treated Anticorodal

Parallel connection to an external printer

Robot-controlled locking system

Widescreen liquid crystal display

High penetration fractionated vacuum system to ensure the complete removal of air

Customized vacuum drying

Several patent-pending functioning systems

Wide range of sterilization programs including a completely customized cycle

Two test programs: Helix / Bowie & Dick test and Vacuum test

Integrated water filling and draining tanks

Possibility of serial connection to a PC, with cycle data recording

Sterilization process that can be validated according to EN 554 standard



TECHNICAL FEATURES:

Type: B (according to prEN 13060: 2002)

Chamber dimensions (LxHxD):

220x80x310 mm

Chamber volume:

5,5 litres

External dimensions (LxHxD):

375x310x545 mm

Net weight:

35 kg

Voltage:

220/240V (other voltages on request)

Frequency:

50 Hz

Rated power:

2300 W

Sterilization programs:

11 (available)

4 (pre-set)

Test programs:

Helix / Bowie & Dick test

Vacuum test

Total sterilization mass:

- Solid/Unwrapped hollow materials: 1,8 Kg

- Solid/Wrapped hollow materials: 1 Kg

- Porous materials: 0,3 Kg

SAFETY DEVICES

- Integrated evaluation system of the sterilization process
- Self-diagnosis of the sterilizer functioning
- Door-locking robotized mechanism with electromechanical triple-protection and safety micro-switches
- Self-levelling hydraulic system
- Safety thermostats for the steam generator and the chamber heating element
- Safety valve

APPLICABLE DIRECTIVES AND REFERENCE STANDARDS

- **93/42/EEC**: Medical Devices Directive
- **89/336/EEC**: Electromagnetic Compatibility Directive
- **73/23/EEC**: Low Voltage Directive
- **prEN 13060:2002** Small Steam Sterilizer Standard
- **EN 61010-1**: Safety Requirements for Electrical Equipment for Laboratory Use
- **EN 61010-2-041**: Particular Requirements for Autoclaves using Steam

