



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.

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## Tethys washer-disinfectors High-performance thermal disinfection







**Tethys washer-disinfectors**  
Hygiene above all else





### Safety

The latest Tethys series has been designed and created in compliance with the EN 15883 standard. That means having machines available that meet the most recent requirements in terms of washing and disinfection, to ensure washing cycles that can be controlled, verified and repeated.



### Reliability

The washing chamber and door made from AISI 316L stainless steel, detergent dosage control via flow sensors and timer, the "soft start" function to avoid thermal shock in the chamber and numerous anti-impurity filters ensure the Tethys product provides outstanding performance.



### Traceability

The EN 15883 standard requires a complete check on the thermo-disinfection processes carried out. For this purpose, Tethys thermo-disinfectors can interface with a printer (optional) or computer, to provide a fully detailed report on all parameters related to the washing cycle.



### Technology

Tethys thermo-disinfectors feature an advanced operating system, which means the temperature of the water can be constantly checked and kept within required values. This is what guarantees the efficiency of the process, without neglecting in any way the material being treated.



### Efficiency

The large capacity washing chamber, twin trolleys, eco-slim vapor condenser, extensive range of washing programs, handy control panel display and visual and acoustic end-of-cycle warnings all help to ensure easy operation and top quality performance.






### Value

Automation of the washing and disinfection process, reduced risk of contamination, savings on time and resources and wide availability of accessories make Tethys a significant, worthwhile investment.

|   |           |   |
|---|-----------|---|
|    | M7E200041 | Stainless steel basket with handles; dimensions 450 x 450 x 55 mm (5 x 5 mm mesh), available only for Tethys D60/T60        |
|    | M7E200042 | Stainless steel basket with handles; dimensions 435 x 160 x 50 mm (5 x 5 mm mesh)   |
|    | M7E200043 | Stainless steel basket with handles and lid; dimensions 130 x 225 x 50 mm (3 x 3 mm mesh; lid 5 x 5 mm)                     |
|    | M7E200044 | Stainless steel basket with handles; dimensions 450 x 225 x 50 mm (5 x 5 mm mesh)   |
|    | M7E200046 | Stainless steel basket with handles; dimensions 480 x 225 x 50 mm (5 x 5 mm mesh), available only for Tethys D60/T60        |
|    | M7E200047 | Stainless steel micro-mesh basket with lid, for small and/or thin instruments; dimensions 240 x 235 x 55 mm (2 x 2 mm mesh) |
|    | M7E200048 | Stainless steel micro-mesh basket with lid, for small and/or thin instruments; dimensions 100 x 80 x 45 mm (2 x 2 mm mesh)  |
|    | M7E200049 | Stainless steel micro-mesh basket with lid, for small and/or thin instruments; dimensions 280 x 168 x 45 mm (2 x 2 mm mesh) |
|    | M7E200050 | Tall stainless steel basket with handles; dimensions 300 x 155 x 115 mm (3 x 3 mm mesh)                                     |
|    | M7E200051 | Stainless steel support for 2 baskets / IMS unit; dimensions 415 x 130 x 150 mm; to be placed on upper trolley              |
|    | M7E200052 | Stainless steel support for 3 basins/baskets/IMS unit; dimensions 300 x 130 x 145 mm, to be placed on lower trolley         |
|   | M7E200053 | Stainless steel support for 8 tray covers; dimensions 385 x 310 x 115 mm  |
|  | M7E200054 | Stainless steel support for 8 tray covers; dimensions 445 x 310 x 120 mm  |
|  | M7E200055 | Stainless steel support for 6 IMS units / 12 IMS half-units; dimensions 445 x 230 x 155 mm                                  |
|  | M7E200056 | Stainless steel support for 10 trays/containers; dimensions 440 x 170 x 175 mm, to be placed on lower trolley               |
|  | M7E200057 | Stainless steel support for 11 trays; dimensions 335 x 305 x 115 mm   |
|  | M7E200058 | Stainless steel support for 16 trays; dimensions 460 x 310 x 115 mm   |
|  | M7E200059 | Stainless steel support for vertical instruments  |
|  | M7E200060 | Stainless steel support for pliers; dimensions 305 x 150 x 135 mm, to be placed on upper trolley                            |

|   |           |   |
|---|-----------|---|
|  | M7E200030 | Upper trolley for operating room shoes for Tethys D60/T60, capacity for 4 pairs of standard shoes |
|  | M7E200031 | Lower trolley for operating room shoes for Tethys D60/T60, capacity for 8 pairs of standard shoes |
|  | M7E200032 | Upper trolley for operating room shoes for Tethys T45, capacity for 3 pairs of standard shoes     |
|  | M7E200033 | Lower trolley for operating room shoes for Tethys T45, capacity for 4 pairs of standard shoes     |

|   |           |  |
|---|-----------|--|
|  | M7E200034 | 8 position handpiece washing support for Tethys D60, to fix on the upper trolley                         |
|   | M7E200035 | 8 position handpiece washing support for Tethys T60, to fix on the upper trolley                         |
|  | M7E200036 | 6 position handpiece washing support for Tethys T45, to fix on the upper trolley                         |
|   | M7E200038 | 3 position handpiece washing support for Tethys T45, to fix on the upper trolley                         |
|   | M7E200039 | Cannulas washing support (with set of 24 nozzles d=3 mm) for Tethys D60/T60, to fix on the upper trolley |
|   | M7E200040 | Cannulas washing support (with set of 16 nozzles d=3 mm) for Tethys T45, to fix on the upper trolley     |

|   |           |  |
|---|-----------|--|
|  | M7D200012 | Serial dot matrix thermal printer  |
|  | M7E200061 | Stainless steel plinth with lockable door for Tethys D60/T60; fitted with detergent cabinet; raises loading level to 70 cm above the floor |
|  | M7E200065 | Detergent/neutraliser level sensor for controlling chemical liquid level in the tank   |
|   | M7E200062 | Top closure for built-in mounting solution for Tethys D60/T60 (h=825 mm)   |
|   | M7E200063 | Top closure for built-in mounting solution for Tethys T45 (h=825 mm)   |
|   | M7E200064 | AquaStop kit; detects water leaks from the machine and shuts off the system; available only for Tethys D60/T60                             |

| Specifications                                 | Tethys D60  | Tethys T60      | Tethys T45                             |
|--|---|-----------------|--|
| Control system                                 | Electronic with microprocessor                                |                 |  |
| Available programs                             | 15 (including 6 personalizable)                               |                 |  |
| Instrumentation                                | Digital display with "soft-touch" keyboard                    |                 |  |
| In-chamber temperature                         | From room temperature up to 95°C                              |                 |  |
| Temperature sensors (2x)                       | Resistance thermometers PT 1000 cl. B (IEC 60751)             |                 |  |
| Dosing systems for detergent and neutralizer   | Peristaltic pumps   |                 |  |
| Detergent and neutralizer level sensors        | Yes (optional on Tethys T60 and T45)                          |                 |  |
| Door locking system                            | Yes, electromagnetic with automatic opening                   |                 |  |
| Traceability                                   | Data storage on last 100 programs carried out                 |                 |  |
| RS232 serial port                              | Yes (to connect to PC and printer)                            |                 |  |
| Cycle archive                                  | Yes, with dedicated program                                   |                 |  |
| Washing chamber material                       | AISI 316L stainless steel                                     |                 |  |
| Outside panels                                 | AISI 304 stainless steel                                      |                 |  |
| Drying system                                  | Forced air, with hot air generator                            | Thermal         |  |
| Pre-filter                                     | Yes (class C 98%)   | NO              |  |
| HEPA filter                                    | Yes (class S 99,999%)   | NO              |  |
| Water supply                                   | Normal cold water supply (1,5 - 5 bar)                        | Distilled water | Normal cold water supply (1,5 - 5 bar) |
| Built-in water softener                        | Yes, automatic volumetric regeneration (up to 60°F)           |                 |  |
| Steam condenser                                | High-efficiency ECO SLIM system                               |                 |  |
| Water heater power (electronically controlled) | 2,3 kW (single-phase version)<br>6,3 kW (three-phase version) | 3,0 kW          |  |
| External dimensions (W x D x H)                | 600x605x850 (830*) mm   |                 | 450x620x850 (830*) mm                  |
| Chamber dimensions (W x D x H)                 | 520x515x545 mm  |                 | 380x480x590 mm                         |
| Weight   | 70 kg   |                 | 50 kg                                  |
| Voltage and rated power                        | 1/N/PE 230V ~50Hz - 2,8 kW<br>3/N/PE 400V ~50Hz - 7,0 kW      |                 | 1/N/PE 230V ~50Hz                      |
| Noise level                                    | < 50 dB(A)  |                 |  |

\* Built-in version, with optional top