

Series **ML70** Thermal disinfecting
instrument washers



CE
0051

colussi

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CSQ
MED
ISO 13485

CSQ
ISO 9001

IONet
THE INTERNATIONAL CERTIFICATION NETWORK

Main characteristics

The range includes:

- one door or two door models with loading capacity of 10 DIN baskets or 5 ISO baskets;
- “touch” control panel allowing to set/modify the disinfection cycle parameters, complete with trans-illuminated display which permits to visualize the cycle phases, the maximum temperature reached during disinfection phase, possible anomalies of failures;
- temperature control by means of 2 independent PT100 probes;
- 20 programmed cycles are available (through code).

Constructing characteristics

- Load-bearing structure made of AISI 304 stainless steel complete with outer covering panels made of AISI 304 stainless steel, “scotch-brite” finish;
- contained overall dimensions;
- manual door with window made of HST tempered glass;
- washing chamber made of AISI 316 L with rounded edges for easy cleaning;
- equipped with two dosing pumps for chemical products, complete with flow meters and completely micro-processor controlled with the possibility to modify the products quantity;
- drying unit of 350 mc/h which allows inside and outside drying of the instruments treated;
- drying air filter system with pre-filter F class and hepa filter H14.

Functional characteristics and control devices

The instrument washers are equipped with:

- trans-illuminated display to set/visualize parameters, washing and disinfection cycle data;
- mushroom emergency button;
- printer (optional).

Security devices

The instrument washers **series ML 70** are provided with several securities which prevent:

- starting of programmes when door is not perfectly closed;
- passage to a next phase of the programme if the operative parameters of the last phase haven't been regularly developed;
- door opening on the clean side in case of cycles with negative results (pass-through version).
- electrical, mechanical, thermic etc. types of risks.

Accessories

The instrument washers can be equipped with the following accessories:

- steam condenser with condensate flowing directly to the drain;
- direct steam or direct steam/electric feeding;
- panel printer;
- pure water connection (osmotic);
- inside boiler for preheating of demineralized water (useful to shorten the washing cycles);
- check and record pressure device of washing circuit;
- other two dosing pumps for chemical products, complete with flow meters and alarm system for quantity measurements of products.

The machines are projected and realized in compliance with the 93/42 EEC directive and complying to IEC EN 61010-1 and IEC EN 61010-2-045 technical safety rules and to the technical project norm of performance prEN 15883-1

TECHNICAL DATA

MODEL	ML 70 N	ML 70 P
Chamber dimensions WxHxD [mm]	570x630x900	570x630x900
Chamber volume [l]	350	350
Overall dimensions WxHxD [mm]	900x1720x750	900x1720x750
Height of trolley sliding level [mm]	850	850
Number of doors	1	2
Water connection (standard)	warm, cold, demineralized	warm, cold, demineralized
Electric connection*	3x400V + N + T* 50 Hz	3x400V + N + T* 50 Hz
Power [kW]	13,5	13,5
Additional boiler (optional) [kW]	9	9
Noise	56 db (A)	56 db (A)

* On request, special electrical connection available

The information included in this booklet can be whenever, and without prior notice, modified by the constructor. We therefore recommend not to use this information for dimensioning, projects. etc. If necessary, please ask directly the constructor for the installation manual and drawings.