



MODEL	Doors number	Chamber dimensions	Chamber volume	Overall dimensions
		(WxHxD) mm	liters (total)	(WxHxD) mm
ML100NE	1	710x900x810	350	1140x1900x915
ML100PE	2	710x900x810	350	1140x1900x915
ML100NE-I	1	710x900x810	350	1140x1900x915
ML100PE-I	2	710x900x810	350	1140x1900x915
ML100N-I	1	710x900x810	350	1140x1900x915
ML100P-I	2	710x900x810	350	1140x1900x915

	ML100NE ML100PE	ML100NE-I ML100PE-I	ML100N-I ML100P-I
FEED	electric	electric /indirect steam	indirect steam
ELECTRIC POWER [kW]	20	20	8
STEAM CONSUMPTION [kg/h]	-	30	30
WEIGHT [kg]	450	450	450
AVERAGE STANDARD OF ACOUSTIC POWER (weighted A) [dB]	In compliance with the IEC EN 61010-1 and IEC EN 61010-2-040 technical rules.		

Sigle di riconoscimento	
N	Appliance with one door for loading
P	Appliance with one door for loading and one for unloading
E	Heating the water through electric resistances
E/I	Heating the water through electric resistances and steam from an external generator.
I	Heating the water through steam from an external generator

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

Tip. Mascherin, Cusano di Zoppola (Pn) - Catalogo 15/08 stampato in gennaio 2009



ML100

CE
0051



Instrument washers with open loading door and trolley for baskets

colussi

Main characteristics

The range includes:

- one door or two door models with loading capacity of 15 DIN 1/1 baskets and/or 10 ISO baskets;
- washing cycle is controlled by double digital microprocessor interfaced by one panel; with trans-illuminated “touch screen” indicating the different stages, the cycle parameters both by numerical and trend ways, possible anomalies of failures, the story of the technical interventions, the conditions of the components etc;
- possible control and self-diagnosis of all the functions on the interactive control panel;
- programmable cycles allow the parameters modifications (the programming access is sheltered by a confidential code);
- ergonomic load height.

CSQ
MED
ISO 13485

CSQ
ISO 9001

IQNet

Constructing characteristic

- load-bearing structure made of AISI 304 stainless steel, completed by outer covering panels made of AISI 304 stainless steel, “scotch-brite” finish;
- contained overall dimensions (WxHxD 1140 x 1900 x 915 mm);
- vertical sliding athermic glass doors by means of double security gearmotors with anti-crushing device system according to IEC EN 61010-1 and IEC EN 61010-2-040 security rules;
- washing chamber made of AISI 316 stainless steel with great loading capacity (dimensions WxHxD 710 x 900 x 810 mm) with rounded edges for easier cleaning;
- two pump double washing system, one for feeding of the two rotors and the other one for the feeding of basket’s injection;
- double drying circuit (500 m³/h) which allows inside and outside drying of the instruments;
- limited water, energy and chemical products consumption;
- dispenser pumps are provided with quantity indicators and flowmeters;
- water loading solenoid valves provided with flowmeters.

Functional characteristics

These instrument washers allow the development of 65 washing and disinfecting programmes totally automatic and perfectly reproducible, which guarantee the traceability of the main cycle parameters.

The standard configurity equipment are provided with:

- 5 service programmes;
- 10 standard programmes;
- 50 free programmes shaped directly by the customer.

All messages are visualized in perfectly readable texts.

The programme allows, furtherly, to recognize automatically the washing baskets in order to choose the correct programme of use.

Control devices

The instrument washers are equipped with:

- trans-illuminated coloured “touch screen” display for insertion/visualisation of the parameters/data of disinfection/washing cycle;
- 112 mm graphic printer (optional);
- general switch and mushroom button.

Security devices

The instrument washers are provided with several securities which avoid:

- programme start with a door 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 following test cycles or cycles with negative results (pass-through version);
- feeler which relieves the correct position of the basket.

Accessories

The instrument washers could be equipped with the following accessories:

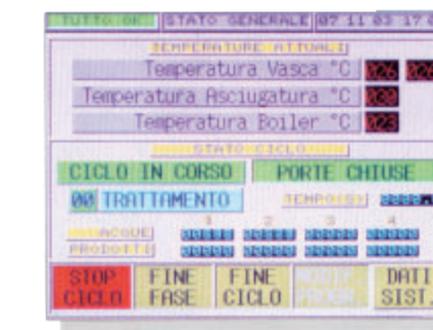
- a large range of baskets and accessories which guarantee the washing of all the surgery and laboratory instruments;
- chemical detergent’s additional dispensers to be placed inside the washer;
- loading and unloading trolleys for baskets constructed with wheels and security device;
- inside boiler for preheating of demineralized water (useful to shorten the washing cycles);
- direct steam or direct steam/electric feeding;
- separate rinsing system;
- STERICOLUSSI managerial programme: it allows the control of all the processes connected to the washing/disinfection by drawing and storing all the phases regarding the process itself (according to the law in force) and the labelling of the sterilised devices as per the 93/42/EEC rule.

The programme manages a system of passwords and selective access permissions, which allows the recording of all the phases related to the productive cycle.

The programme allows the integration of the washing/instruments in an integrated system for the washing/disinfection of medical devices.

This systems in divided in: admittance, washing, packaging, washing/disinfection, check, certification, labelling, issue, delivery, set-patient linking, etc.

Designed and constructed in accordance with the 93/42/EEC and with the EN ISO 15883-1, IEC EN 61010-1 and IEC EN 61010-2-040 standards



Visualization of cycle phases