



Flash FL - 110

AUTOMATIC WASHER, DISINFECTOR, AND DRYER FOR BOTTLES, GLASSWARE AND LABORATORY UTENSILS.





Built according to the technical standards IEC 335-2-5, SEV 1054-2-5, HD 251 S3, HD 257 S2.

FEATURES

Microprocessor-controlled electronic panel with Touch Screen.

37 operational programs for full system control, which allow:

- Operation temperature control (washing, rinsing, disinfection, drying, and regeneration).
- Type and amount of additives.
- Washing and rinsing cycles.
- Thermal disinfection.

Monitoring of all program phases through self-diagnostics, displayed on the screen, with visual and audible alarms for key functions.

Automatic detection and activation of emergency procedures for possible process failures such as door open indication, water shortage, and heating failure. Preventive contamination system at the beginning of each wash cycle.

USB Output.

Device for remote communication access, fast and simple, allowing remote intervention such as machine reprogramming and checking device activation. Supervisory Software for Monitoring, Diagnostics, and Control of the Washer, compatible with Windows® XP, Vista, 7, 8, 10.

External chamber made of AISI-304-L stainless steel. Internal chamber made of AISI-316L stainless steel, which allows cold acid rinsing.

Internal washing chamber dimensions (LxWxH): 530 x 560 x 715 mm (approximately 212 L).

External dimensions (LxWxH): 652 x 733 x 1200 mm.

Recirculation pump flow rate: 320 L/min.

Water consumption per wash cycle: 20 L.

Programmable temperature control for washing, rinsing, and disinfection up to 95°C.

Drying system through pressurized hot filtered air.

Drying temperature control: 45°C to 120°C.

Inlet Filtration System.

05 liquid entry or collection points optionally to be used as:

- 01 for tap water.
- 01 for distilled and/or heated water (up to 60°C).
- 01 for demineralized water.
- 02 dosing pumps for detergents or additives, controlled by the automatic program.

Drain pump;

Washing liquid level detection system;

Safety system for over-temperature protection;

Water descaling system;

The washing chamber has 4 water outlets:

02 water injection retention valves, allowing the use of two independent accessories (trays); when the cart is inserted, the valve opens the water flow;

02 independent rotating outlets, one on the upper face and one on the lower face of the washing chamber;

Power Supply: 230 Vac - 50/60Hz;

Power: 6000 W;

Brand: Láctea Científica.

INCLUDES

02 x Car_STD_FL110

Standard washing cart with 30 positions.

15 rods of 100mm. 15 rods of 200mm.

RACK_FL110

Rack, cabinet for storing detergent gallons

With casters for mobility

Dimensions: 65.5 x 68.5 x 59 (WxDxH) cm

ECO_FL110

Storage tank with pumping for reuse. In this system, the last water used in the previous washing cycle (practically free of contamination) is used as the first water in the following cycle. Saving 20 liters of water per wash.

Car_STD_FL110

Standard washing cart with 30 positions.

15 rods of 100mm. 15 rods of 200mm.

Car_CST_FL110

Customizable washing cart. Subject to evaluation of the type of glassware.

KIT_PVT_FL110

Preventive Parts Kit FL110

- Solid-state relay (heating element activation);
- Mechanical relay (washing motor activation);
- Water inlet valve;
- Door open sensor.

