

WASHER DISINFECTOR LAB 680 MODEL

LAB 680 large capacity glassware is specially developed for laboratories that require to clean large quantities of items on a daily basis. Five washing/drying positions and four washing/drying levels feature on this machine which also incorporates a powerful filtered pulsed hot air system. This machine is capable of cleaning bottles up to 100 Lt. The upper levels can be placed at different water/air connections depending on the height of the loaded glassware.

External dimensions 1110x915x1880h mm (with door closed)
External dimensions 1110x1760x1880h mm (with 1 open door)
Washing chamber dimensions 710x810x1060h mm
Max. trolleys dimensions 650x790x835h mm
Height of trolley sliding level 850 mm
Chamber capacity 600 lt.~
Trolley capacity 430 lt.~

Electrical connection 400Vac3N 50hz, on request special electrical connection available
Electrical tank heating kW 7,5 – Steam heating OPTIONAL
Dryer blower - 500 m³/h
Washing circuit with two pumps for a total of kW 1,45
Total power kW 13,5
Water connection: cold, warm, demineralised

Following EN ISO 15883-1/-2 rules

- washing chamber entirely made in stainless steel AISI 316L, corrosion proofing
- construction system with total removal of angle and breeding ground dirty.
- self cleaning tank with rounded edges
- water filtering system in three levels for an excellent washing result
- Manual operated hinged doors, provided with glass window and safety device.
- Frontal loading.
- Baskets injection connection system to the washing water pipe sending water and air directly into objects hollow to be treated in order to guarantee also the thermodisinfection
- Thermodisinfection by gaining the temperature of 93°C and with its holding for a programmable and various time, for each single cycle, in order to satisfy all enquiries of laws regarding thermodisinfection in the different countries.
- Temperature check by means of 1 P1000 probe.
- Separate PT 1000 probe, for disinfection and documentation control.

- Trolley system for loading/unloading of baskets in a rapid and flexible way, equipped with wheels and safety mechanism.
- Equipped with 2 dosing pumps of chemical products, under a complete micro-processor control, with the possibility to modify the required products quantity in each cycle. (two more dosing pumps available)
- Check of chemical products quantity, with minimum level alarm.
- 2 containers for chemical products built in to the cabinet.
- Microprocessor for total checking and displaying of single cycle phase highlighting the residual time.
- 40 Programmes (20Pre-memorized).
- Total check of phases regarding cycle, time, temperature, drying.
- PC connection to RS232
- 3 levels Password to enter into programming
- 2 lines LCD Display with complete indication of machine functioning.
- Main switch for electrical feed
- Exhaust air connection diam. 120 mm.
- **Drying unit** of 500 mc/h, equipped with double filter:
Pre-filter F-class
Hepa Filter H14 OPTIONAL
Heating power 7,8 kW.
- Air drying distribution on double main for a perfect distribution on all chamber parts and injectors

OPTIONALS

- **Steam heated**
- **Steam condenser**
- **Check pressure device of washing circuit.**
- **Thermal printer on board 20 columns for cycle validation and cycle traceability**
- **Boiler for pre-heating DEMI water, with power of kW 4,5**
- **3rd and 4th dosing pumps for chemical products with alarm for minimum level.**
- **Flow meters for chemical dosing control**
- **Conductivity sensor**