

TP/D Rinsing-sterilizing machine

The rotary rinsing-sterilizing machine mod. TP/D is designed to sanitize and rinse bottles or jars, removing powder and any small particle, prior to the filling operation.

The model TP/D is designed for double rinsing treatment : after a first injection of a sterilizing solution - with recycling after dripping - the bottle is rinsed with pre-filtered water.

The machine can be used with a sterilizing product or an alcohol based solution

The operator places by hand the bottle upside down in one of the 20 positions on the central plate of the machine. The plate is turning with step-by-step motion.

One rinsing nozzle is spraying the sterilizing solution inside the bottle, then a second nozzle is injecting the pre-filtered water.

After the double treatment, the table goes on rotating so that the water is dripping down together with any part to be removed.

The rinsing solution is collected in a separate tank to be recycled, thanks to a stainless steel pump, after proper filtration by a micro-filtration cartridge of 0,45 µm.

The rinsing jets are operated by 2 sensors detecting the neck of the bottle (no bottle – no spraying)

The working speed of the machine can be adjusted by a potentiometer on the front panel, from 300 to 1.200 bottles per hour.

The machine is mounted on wheels with safety brakes, and it is manufactured in stainless steel and plastic components in conformity with the international directives.

Technical specifications

Bottles	Standard from 37,5 cl to 5 lt – Glass and PET Special versions available on demand
Dimensions	1.000 X 1.150 x h. 850 mm
Noise level	Lpa < 30 db (tests according to UNI 7712)
Base-frame	Stainless steel AISI 304 quality
Bottles loading-unloading	Manual
Operation	Automatic
Installed Power	0,25 Kw
Water consumption	30-60 liters
Weight	100 Kg
Standard voltage	220V - singlephase - 50Hz