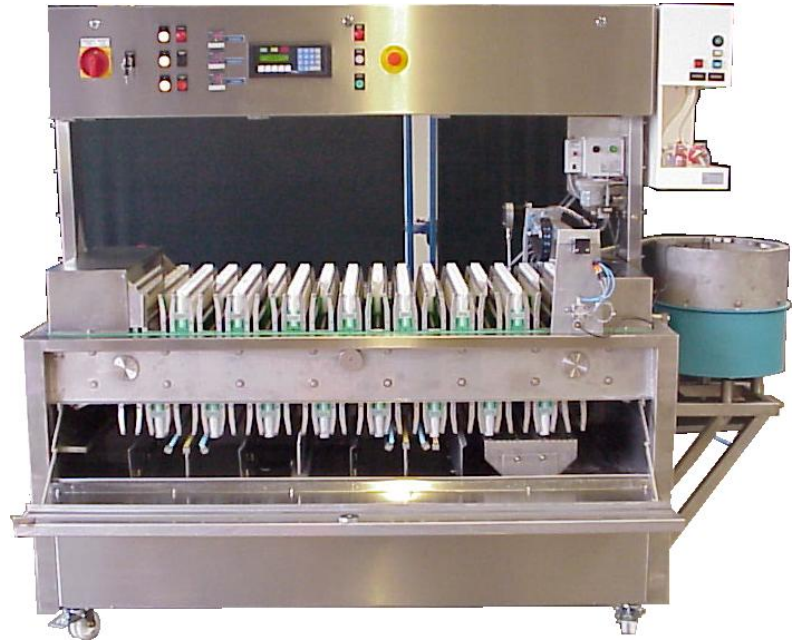


Washing machine for longitudinal racks, type 6858-5

- Fully automatic, thorough cleaning of milk sample bottles in longitudinal racks.
- Washing, rinsing and drying functions.
- Admixture of solid and liquid preservation agents is possible.
- Automatic stoppling of cleaned bottles.



Functions

Bottle cleaning device for sample bottles in longitudinal racks with 18 bottles or 20 (2 x 10) bottles.

Feeding and removal

The racks are manually fed into clamp devices at the upper side of the table and also manually removed from them; approx. five racks can be fed in and removed at the same time. Racks of different sizes can be fed in at the same time.

Transport of the racks

In clamping appliances, the racks with the sample bottles, whose openings show downward, are fed via a transport chain into the washing zones.

Washing programmes

1. Washing + drying
2. Washing + drying + preservation
3. Washing+ drying+ stoppling
4. Washing + drying + preservation +stoppling
5. Testing of all mechanical functions

Cleaning process

Emptying of the sample bottles via a separate milk outlet, prewashing, washing while spray lances are introduced into the sample bottle, rinsing, drying by means of a heater fan/exhaust air connection. By means of separate spray nozzles, the racks are cleaned in all washing zones.

Heat recycling

The fresh water introduced in the rinsing zone is prewarmed in the prewashing zone by means of heat exchangers.

Stopping

The cleaned bottles are stoppled automatically by a manipulator. The stopples are provided by a swing conveyor. The safe processing of only one stopple form can be guaranteed.

Preservation

Liquid preservation with external preservation device or integrated tablet preservation.

Washing performance

1,000 sample bottles/h

Technical data	
Mechanical data	
Construction	Mobile stainless steel frame with table superstructure
Milk outlet	HT pipe \varnothing 50 mm
Total dimensions	Volume (length x height x width), approx. 1,800 x 1,820 x 1,100 mm
Cold water connection	Softened 0 to 2° dH approx. 10 °C Maximum flow rate: 100 l/h, hose connection for 1/2"
Waste water connection	Hose connection for 3/4" via lye pump 3 bar max. Maximum gradient of waste water pipe: 0.5 m
Hose connection power medium	For hose \varnothing inside = 6 mm
Hose connection detergent acid	For hose \varnothing inside = 6 mm
Hose connection alkaline	For hose \varnothing inside = 6 mm
Pressure	4 to 6 bar
Throughput of air	300 l/h
Connection	Rico quick lock, nominal bore 7.2
Exhaust air	Max. 1.5 m ³ /min, 3000 Pa, approx. 50 °C, approx. 90 % relative humidity/DIN 65, Exhaust air connection \varnothing 60 mm (on the appliance: pipe \varnothing 100 mm, corrosion resistant, dehydrated). Abluftstut
Ambient conditions	
Permissible store temperature	0 to 60 °C
Permissible operation temperature	0 to 40 °C
Climatic classific./protective system	KWF/IP54
Electrical data	
Cable connection	5 m connection cable with plug CEE/5 x 16 A
Internal power line connection	Operating voltage (plug socket) AC 230 V, 16 A (for liquid preservation)
Auxiliary energy	Operating voltage 400 V/50 Hz, 3 phases Power consumption approx. 10 kW Protection 16 A per phase
Pressure	4 to 6 bar
Throughput of air	300 l/h
Connection	Rico quick lock, nominal bore 7.2
Used air	Max. 1,5 m ³ /min, 3000 Pa, approx. 50 °C, approx. 90 % relative humidity/DIN 65, Exhaust air connection: \varnothing 60 mm (on the appliance: pipe \varnothing 100 mm, corrosion resistant and dehydrated). Abluftstut
Specific data	
Washing temperature	50 to 60 °C, factory-set
Drying temperature	70 to 80 °C, factory-set
Temperature input	NTC resistance
Rinsing temperature	Approx. 40 °C (prerinsing), approx. 50 to 60 °C (rinsing)
Washing performance	Throughput 1,000 bottles/h Throughput time approx. 25 min.
Data for purchase order	
Designation	Order number
Washing machine for longitudinal racks, type 6858-5	U 943 1 685 85