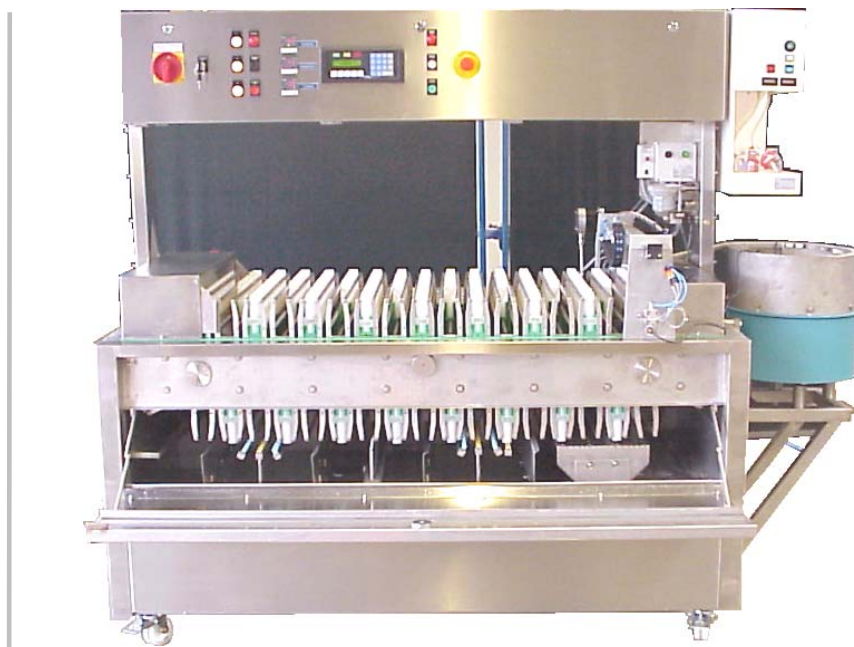


## Data sheet

### 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.

#### Stoppling

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	
<b>Mechanical data</b>	
Construction	Mobile stainless steel frame with table superstructure
Milk outlet	HT pipe Ø 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 Øinside = 6 mm
Hose connection detergent acid	For hose Øinside = 6 mm
Hose connection alkaline	For hose Øinside = 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 <sup>3</sup> /min, 3000 Pa, approx. 50 °C, approx. 90 % relative humidity/DIN 65, Exhaust air connection Ø 60 mm (on the appliance: pipe Ø 100 mm, corrosion resistant, dehydrated)
<b>Ambient conditions</b>	
Permissible store temperature	0 to 60 °C
Permissible operation temperature	0 to 40 °C
Climatic classific./protective system	KWF/IP54
<b>Electrical data</b>	
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 <sup>3</sup> /min, 3000 Pa, approx. 50 °C, approx. 90 % relative humidity/DIN 65, Exhaust air connection: Ø 60 mm (on the appliance: pipe Ø 100 mm, corrosion resistant and dehydrated).
<b>Specific data</b>	
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	
Washing machine for longitudinal racks, type 6858-5	order no. U 943 1 685 85