

Pipetting station, type 6854-40

The retarder pipetting station, type 6854-40, serves the automatic pipetting of milk from sample bottles, type 6845, with barcode label from the round magazine, type 6875, into microtitre sheets 96 with the format 8 x 12 for the retarder examination.

It is applied in milk examination laboratories for the examination of retarders in delivered milk.



Functions

- Pipetting by means of 4 times pipetting with an independent level detection for each pipette.
The pipettes are cleaned after each pipetting process, by means of a separate water supply with an automatic dosing of the detergent.
- Eight sample positions that are insulated thermally and cooled by cold water inlet.
- The pipetting performance of the system amounts to approx. 600 samples/h.
- Communication via Ethernet connection/fit for network.
- A sorting function for repetition pipetting processes is possible.

Technical data	
Mechanical data	
Construction	<ul style="list-style-type: none"> ➤ Stainless steel framework, mobile on lockable rolls, with control cabinet and supply facilities. ➤ Table superstructure made of stainless steel plates / plastic material contains function and transport elements. ➤ Table height adjustable to ± 2 cm ➤ For cleaning, the components can be removed and reassembled without tools ➤ Analyzing device can be removed for transport
Dimensions	Table frame: Length: 1,600 mm Width: 1,050 mm (800 mm without analyzing device) Working-area: Height: 870 mm (without superstructure)
Weight	360 kg
Protective system	Control cabinet: IP53 Control computer: IP40
Ambient conditions	
Permissible operation temperature	+ 15 to 30 °C
Permissible store temperature	+ 5 to + 60 °C
Permissible air humidity	80 % max., no dewing
Climatic classification	ZZF according to DIN 40040 (German standard)
Specific data	
Compressed air	600 kPa (6 bar) quick lock, nominal bore 9 mm Throughput of air 100 l/h
Throughput of samples	600 sample bottles/h with pipetting 1000 sample bottles/h without pipetting
Size of bottle buffer	Round magazine 72 bottles Buffer of samples 8 bottles
Electrical data	
Connection	3 m connection cable with protective contact plug
Auxiliary energy	230 V A7C voltage 50 to 60 Hz
Power consumption	approx. 2.3 kW fault current protection switch 30 mA
Connection for water supply	Inlet softened 0 to 2 °dH, approx. 10 °C, maximum flow rate 5 l/h, hose connection 1/2" waste water hose connection 1/4"
Interfaces	Ethernet interface
Order designations	
Designation	Order number
Pipetting station, type 6854-40	201 571