

Additional device for pilot sample bottling, type 6854-66

Container with mixing and bottling device for the production of milk calibration standards applied in fat and bacterial count analyses (pilot sample, control milk).



Description

At the start the system is loaded with a small quantity of milk in order to remove any residual water.

Then the milk is pumped into the tank by means of a self-priming eccentric screw pump.

In order to mix the milk in a gentle and homogeneous way, a breaker plate is moved up and down via a magnetic clutch.

Homogeneous bottling of pilot samples via a hose pump.

The bottling quantity can be adjusted software controlled.

The bottling takes place in combination with the optional available BARTEC feeder station 6854-51.

The system is cleaned by means of a software-controlled multi-stage CIP program.

Application

Suited for milk routine test laboratories (milk control organisations, state control associations) for the creation of calibration standards for milk.

This pilot sample or control milk serves to monitor the precision of the analysers for fat and bacterial count analyses.

The pilot milk standards serve to verify the results as any occurring fluctuations of the device can be detected and remedied in a timely manner in accordance with GLP.

Function

- **Start-up of the system with removal of residual water**
- **Fully automatic bottling via self-priming pump**
- **Gentle and thorough mixing of the milk**
- **Software-controlled bottling of pilot sampler via a hose pump**
- **Extensive multi-stage CIP cleaning program**

Technical data	
Device-specific data	
Connection	230 V AC voltage 50 ... 60 Hz; 5 m connection cable with safety plug
Power consumption	Max. 1,0 kW residual current circuit breaker 100 mA
Current consumption	Max. 4 A
Homogeneity (fat and protein)	± 0,02 %
Compressed air	6 bar quick-release fastener, nominal width 9 mm
Electrical data	
Delivery rate of circulation pump	Max. 1.480 l/h
Delivery rate of dosing pump	830 ml/min; 50 % power-on time
Dosing time needed for one sample bottle	Approx. 2,3 s
Ambient conditions	
Operating temperature	5 ... + 45 °C
Storage temperature	0 ... + 60 °C
Air humidity	Max. 80 %, no condensation
Climatic class	KWF in accordance with DIN 40040
Mechanical data	
Construction	Rack with stainless steel frame, mobile on lockable rollers, with switch cabinet and supply connections Integrated handle for transport Stainless steel container with a capacity of 125 l Hose connection for inlet and outlet per ¾ inch Switch cabinet with control elements fastened at the container
Weight	150 kg
Protection type	IP 53
Dimensions	
Ordering details	
Designation	Order no.
Additional device for control milk bottling, type 6854-66	240 854