

## Feeder station, type 6854-70

**Infeed of sample bottles, type 6845, from round magazines, type 6875, for combi inspection equipment of the companies Foss and Bentley**



### Description

Sample bottles are routed by the software from the source round magazine and control samples (calibration samples) from the control sample buffer. The bottle is shaken upside down in a pivoting angle of > 150°.

The cap of the sample bottle is removed, the bar code is read and the temperature is measured.

The bottle is prepared for the analysis and the data are sent to the Control-PC (CPC).

The sample bottles are taken away and routed to the linear buffer specified by the CPC or to one of the destination round magazines.

The feeding station can be used in conjunction with KOMBI-Foss analyzer from Foss or combi system from Bentley.

### Features

- All the information which relates to the current program and is required during operation is displayed on the screen in plain text. The operator is notified or alerted on the display of any actions and interventions which are needed
- The feed station is very easy to clean and move

### Application

The feed station is designed solely to remove milk sample bottles of type 6845 from round magazines, to heat them up, shake them, remove their caps, prepare them for analysis and finally to convey them to a round magazine or linear buffer.

### Other features

- Automatic ejection of bottles with unreadable bar code into the read error buffer
- Automatic ejection of control samples to the linear buffer (optional)
- Supply of special preheated batches from the linear buffers
- Display of bottle data and table parameters on a colour touch screen
- Detection and display of malfunctions
- Light signals for emergency alerts or failure modes
- Log file input
- Recording of total operating hours and total sample counter
- Fault location shown on screen in the event of malfunctions

Technical data	
<b>Electrical connections/ Interfaces</b>	
Power supply	AC 230 V power consumption of <3000W 3 m connection cable with protective schuko plug
Data	Ethernet - RJ45 socket
All connections are located on the left side of the feeder station.	
<b>Other connection</b>	
Compressed air	6 bar quick lock, nominal bore 9mm max. 8 bar (8000 hPa)
Water	G 3/4"
Sewage	G 1"
<b>Ambient conditions</b>	
Operation temperature	+5...+40 °C
Store temperature	0...+50 °C
Relative humidity	< 95% non-condensing
Protective system	IP53 according to DIN60529
<b>Performance data</b>	
Throughput of samples	Max. 650/h (Tact 5,54 seconds)
Bottle- and data delivery	<1 Second
Constancy of temperature (bottles)	set value ± 3°C
Entry temperature (bottles)	≥ 4°C
<b>Dimensions</b>	
Length x Width	2343 mm x 944 mm ( feed area 727mm)
Table height	min. 885 mm (on the transport rollers) max. 910 mm (standfeet turned downward)
Distance table edge- pipetting position	≤ 120mm
<b>Weight information</b>	
Empty weight	460 kg
Operating weight	506 kg (filled up water, 4 full round magazines)
<b>Display and operation</b>	
Screen	TFT-LCD, Resolution: 1024x768 pixel, Diagonal: 15" / 38cm viewing angle   horizontal: 160°, vertikal: 140° Background illumination: LED
Operation	SAW-Touch 8 Buttons for around magazine
<b>Buffer and magazines</b>	
Around magazines	2 x feeder, 2x outflow
Linear feeder	6 control samples, 2 x 12 special samples
Linear buffer	Reading error 4 bottles, Control-, TGD-, Double-, reserves samples, each 14 bottles
Data for purchase order	
<b>Designation</b>	<b>Order number</b>
Feeder station, type 6854-70	368563