

## Feeder station, type 6854-71

**Infeed of sample bottles, type 6845, from round magazines, type 6875, for inspection equipment of the companies Foss or 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 bottles are 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).

After resealing the sample bottles will be transported to the target round magazine. Controlled by the CPC, the bottles also can be pushed in a linear buffer, or they will be forwarded open to repetition.

The feeding station can be used in conjunction with Bacto-Scan analyzers from Foss or IBC analyzer 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, shake them, remove their caps, prepare them for analysis, put on the caps 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 batches from the linear buffer
- 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 output
- 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	230V AC power consumption <1000W, 600 VA 3m connection cable with protective schuko plug  Protective conductor leakage current < 8 mA
Data	Ethernet - RJ45 socket
<b>Other connection</b>	
Compressed air	6-8 bar quick lock NW 9mm
All connections are located on the left side of the feeder station.	
<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. 360/h (Tact 10,0 seconds)
Bottle- and Data delivery	<1 second
<b>Noise</b>	
Operational noise at 50cm distance	< 65 dB (A) (vibrating conveyor power: 45%)
<b>Dimensions</b>	
Length x width	1700mm x 600mm, with stopper device 1955mm x 705mm
Table height	900mm, adjustment $\geq \pm 20$ mm
Distance table edge- pipetting position	$\leq 35$ mm
<b>Weight information</b>	
Empty weight	ca. 290kg
<b>Display and operation</b>	
Screen	TFT-LCD, Resolution: 1024x768 pixel, Diagonal: 15"/38cm Background illumination: LED
Operation	SAW-Touch 4 Buttons für around magazin
<b>Buffer and magazines</b>	
Around magazines	1 x feeder, 1x outflow
Linear feeder	6 control samples, 10 special samples
Linear buffer	Reading error 4 bottles, 3 freely selectable buffer, each 11 bottles
<b>Stopper device</b>	
Execution	vibrating conveyor $\varnothing$ 400mm
Capacities	150 stopper
<b>Data for purchase order</b>	
<b>Designation</b>	<b>Order number</b>
Feeder station, type 6854-71	368575