

LactoFlash

(article no. 3530)



Inexpensive chemical analysis device for the fast and accurate determination of fat and SNF content

Countless installations in institutes and laboratories all over the world attest to the outstanding quality, reliability and accuracy of this chemical analysis device.

The following parameters can be determined quickly and reliably with just one measurement:

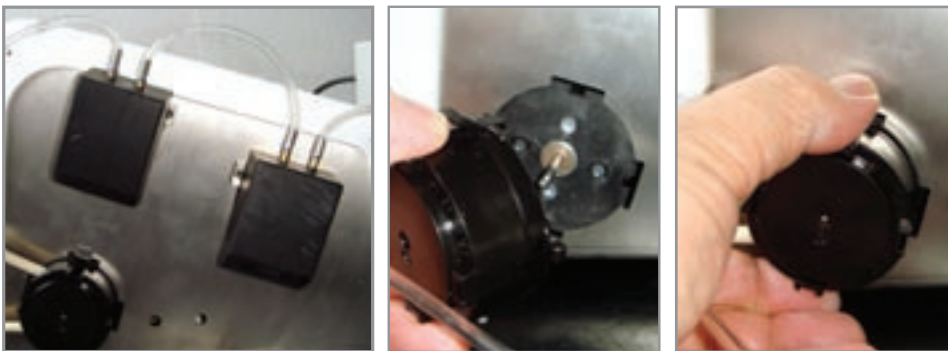
Parameter	Resolution	Reproducibility (r)	Measuring range
Fat:	0.01 %	0.02 % in 0 ... 5 % range 0.2 % in 5 ... 30 % range	0 ... 30 %
SNF:	0.01 %	0.04 %	0 ... 15 %

Further parameters are determined based on calculational algorithms:

Parameter	Resolution	Reproducibility (r)	Measuring range
Density:	0.0001	0.001	no limit
Protein:	0.01 %	0.03 %	no limit / calculated value
Lactose:	0.01 %	0.02 %	no limit / calculated value
Gpp:	0.001°C	0.002°C	no limit / calculated value

Quick and easy replacement of pump heads and measuring cells.

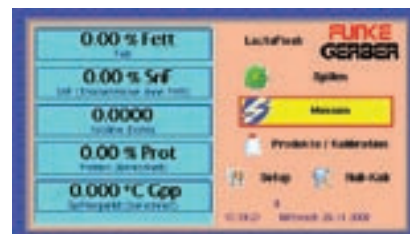
The pump head (wear part) can be replaced easily without the use of tools. This is done by removing the blue side cover sheet and pulling off the old pump head by pushing in on both side tabs simultaneously. The new pump head is set on and pressed down on until both tabs snap into place.



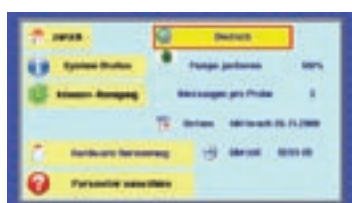
If one of the two measuring cells has to be replaced, it can simply be pulled out of the plug connection. The new measuring cell is plugged in.

LactoFlash

Operation



The instrument has 4 arrow keys and an “enter” key. With the “enter” key, the function or action, which has been selected with the help of the arrow keys, is started.



Language selection

Two menu languages are available: German and English.



Calibration

For customer-specific calibration, the already existing basic calibrations are merely adjusted. This is done with a simple two point calibration (A calibration and B calibration). Each parameter is calibrated in only one step. A clear calibration menu simplifies the entry of reference values.

Technical specifications:

Sample capacity:	up to 120/h
Sample volume:	from 12 ml to 20 ml
Interfaces:	1 x parallel, 1 x serial (RS 232 / 9.600 baud) 6 volt electrical power supply for thermal printer (order no. 7151)
Connection values:	230V / 115V AC (50..60 Hz) 60 W
Dimensions:	30 x 24 x 33 cm (w x h x d)
Weight:	5 kg (net)

Ordering data

Article no.	Description
3530	LactoFlash
7151	Thermal printer, incl. 1 thermal paper roll
3516	Hardware standardisation
3563	Cleaning agent, 500 ml

Accessories (optional)

3040	Milk sample bottle without metal bottom, 80 ml / PE
3041	Milk sample bottle with metal bottom, 50 ml / PP
7157	Thermal paper roll for thermal printer

Spare and wear parts

3530-023	Hose pump, complete
3530-023 A	Pump head (attachment for hose pump)