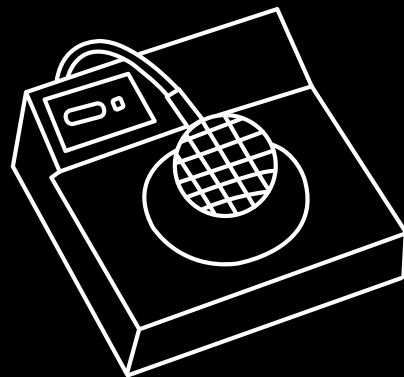
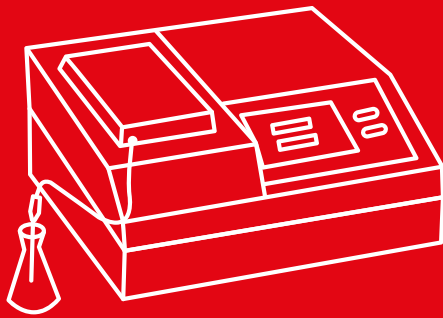
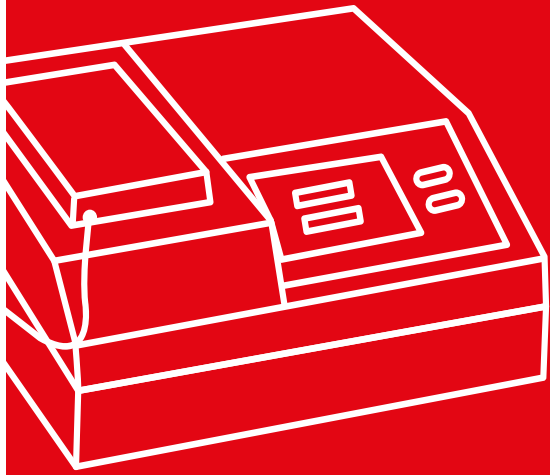


PRODUCT BROCHURE

MILK ANALYSIS





EQUIPMENT


3510
**LACTOSTAR MILK ANALYSER
(ACCESSORIES INCLUDED)**

For the routine analysis of milk:

	From %	to %
Fat	0.00	40.00
Protein	0.00	10.00
Lactose	0.00	10.00
SNF	0.00	15.00

The density and freezing point are calculated.

Dimensions (WxDxH): (440x440x200) mm

Weight: 15.5 kg

3530
**LACTOFLASH MILK ANALYSER
(ACCESSORIES INCLUDED)**

Analyser for the rapid and accurate determination of:

	From %	to %
Fat	0.00	30.00
SNF	0.00	15.00

The density, protein, lactose and freezing point are calculated.

Dimensions (WxDxH): (300x330x240) mm

Weight: 5.0 kg

ACCESSORIES FOR LACTOSTAR AND LACTOFLASH

7151

Thermal printer

7157

Thermal paper

3563

Cleaning agent 500 ml, PE bottle

3565

Funke-Gerber Zero-Diluent 5,000 ml, for daily zero calibration, PE container, sufficient for more than 100 calibrations

SPARE PARTS

3510 - 023 Hose pump complete

3510 - 023A pump-head

REFERENCE MATERIALS

The exact values depend on the batch. These are included in the delivery.

3517 Reference milk 1.5% fat

3518 Reference milk 3.5% fat



3670 **NOVA SAFETY
CENTRIFUGE**

Bench centrifuge with angular rotor for butyrometric fat determination according to Dr. N. Gerber, as well as for the determination of the solubility of milk powder with special solubility index tubes (art. no.: 3637)

Properties:

- Automatic interlocking lid
- Automatic brake (braking time < 8s)
- Centrifugation timer (digital)
- Heater: temperature adjustable in 1°C steps from room temperature up to 65 °C (can be switched off)
- Capacity: max. 8 butyrometers or max. 8 special solubility index tubes

Technical specifications:

RCF: 350 g ± 50 g

rpm: 1350

Effective radius: 160 mm

Weight: 13 kg

Dimensions (WxDxH): (470x380x230) mm

3680-L **SAFETY CENTRIFUGE FOR FAT CONTENT
DETERMINATION ACCORDING TO ROESE-GOTTLIEB**


**3680 SUPERVARIO-N
MULTI-PURPOSE CENTRIFUGE**

Centrifuge for fat content determination according to Gerber, Roese-Gottlieb, Babcock and for the determination of the solubility of milk powder (ADPI).

Properties:

- Stainless steel housing
- Programmable rotor speed from 600 rpm to 1130 rpm in increments of 10 rpm (corresponding to a g value of 77 to 372 g, depending on the rotor)
- Programmable heater up to 68 °C in 1 °C increments
- Programmable centrifugation time from 1 to 99 minutes
- Automatic interlocking safety lid
- Automatic shut-down in case of unbalance
- Automatic brake

Technical specifications:

Connection values: 230 V/50...60 Hz/1200 VA

Weight when empty: 26 kg

Total height with lid: 460 mm

External diameter: 670 mm

Filling height: 370 mm

Speed range: 600 to 1130 rpm

Temperature range: room temperature up to 68 °C

ACCESSORIES

- **For the determination of fat content according to Gerber**

3685

Head A: for a maximum of 36 butyrometer buckets, effective radius of the attachment: 260 mm

3631

Butyrometer bucket

- **For the determination of fat content according to Babcock**

3685

Head A: for a maximum of 18 Babcock buckets, effective radius of the attachment: 260 mm

3632

Babcock bucket

3254, 3256, 3258

Babcock bottle without stopper

- **For the determination of fat content according to Roese-Gottlieb**

3686

Head B: for a maximum of 8 Mojonnier tubes, effective radius of the attachment: 190 mm (operation only possible in accordance with the respective safety regulations)

3870, 3871

Extraction tube according to Mojonnier

- For solubility determination

3687 **Head C:** for a maximum of 6 buckets for solubility index tubes, effective radius of the attachment: 190 mm

3633 **Bucket** for solubility index tubes

3634 **Solubility index tube** (ADPI tube)



3707 **UNIVERSAL WATER BATH
WB436-D (DIGITAL)**

Digital temperature display (actual value), digital setpoint temperature adjustment. PT 100 sensor (platinum sensor). Stopwatch (1-100 min. with acoustic signal). Stainless steel inner and outer casing. Protection against overheating (even when tank is empty), use with distilled water if possible.

Technical specifications:

Temperature range: up to 100 °C

Volume: 18 l

Connected loads: 230V/50Hz...60Hz/1000 W

Interior dimensions (WxDxH): (300x320x194) mm

External dimensions (WxDxH): (331x396x265) mm

Weight: 10 kg

3708 **UNIVERSAL WATER BATH
WB436-A (ANALOGUE)**

As art. no. 3707 but with analogue temperature control (adjusting knob), temperature display with thermometer (included in the scope of delivery), thermostatic heat controller.

ACCESSORIES FOR WATER BATHS WB436

3717 **Butyrometer stand:** stainless steel, for 36 butyrometers
Dimensions (WxDxH): (383x325x200) mm,
diameter of the hole: 27.2 mm

3766-G **Butyrometer tube (closed):** made of brass, for butyrometer stand (art. no. 3717), external diameter, bottom: 27 mm, external diameter, top: 33 mm, internal diameter: 25.8 mm, length: 170 mm

3766-O **Butyrometer tube (open):** made of brass, for butyrometer stand (art. no. 3717) external diameter, bottom: 27 mm, external diameter, top: 33 mm, inner diameter: 25.8 mm, length: 170 mm

3727 **Universal shelf:** made of stainless steel, dimensions (WxDxH): (280x225x2) mm, diameter of the hole: 16.9 mm

3747 **Lid:** made of stainless steel, dimensions (WxDxH): (350x320x4) mm

3718 **Mojonnier stand:** made of stainless for 10 Mojonnier tubes



4440 **PH METER PH4440**

With the pH4440 it is possible to measure the pH value, conductivity and redox potential. During the measurement and calibration, the colour display shows all of the important information (measured value, temperature, temperature sensor, condition of the electrodes etc.). The intuitive menu navigation with the tried and tested 5-key operation makes operation of the device simple. Electrodes available as an option.

Dimensions (WxDxH): (210x150x80) mm

Weight: 1.1 kg

4453 **pH single rod measuring chain:** EGA 141/Pt1000 with integrated temperature sensor.

4458 **pH gel electrode:** EGA 142/Pt1000 with integrated temperature sensor.

4465 **Conductivity electrode:** 1/cm with Pt1000

4466 **Conductivity electrode:** 0.1/cm with Pt1000

Buffer solutions: 250 ml each, PE bottle

4460 pH 4.01

4461 pH 7.00

4462 pH 9.21

4400 **KCl solution:** 3M, 250 ml, PE bottle



4500 TITRATION APPARATUS STANDARD
(for milk, 0-25° SH)

4501 TITRATION APPARATUS STANDARD
(for cream, 0-40° SH)

For the determination of acid content. Complete with storage bottle, rubber stopper, burette with automatic zero adjustment, soda lime tower with ascending tube, pressure rubber ball, burette tip with pinch-cock, one 1 ml and one 25 ml pipette, 200 ml Erlenmeyer flask

4520 TITRATION APPARATUS SIMPLEX
(for milk, 0-25° SH)

4521 TITRATION APPARATUS SIMPLEX
(for cream, 0-40° SH)

For the determination of acid content. Complete with polyethylene bottle on a plastic base, burette with automatic zero adjustment, fine titration at the push of a button, one 1 ml and one 25 ml pipette, Erlenmeyer flask 200 ml



4800 SEDILAB SEDIMENT TESTER

Made of stainless steel, for 500 ml of milk

4810 SEDILAB-E SEDIMENT TESTER

For serial testing of liquids for particle contamination, in particular for the purity testing of milk. Splash-proof design.

For 500 ml of milk, approx. 800 samples per hour, sharply defined sediment images, 220 V/50 Hz



4910 Filter papers: with writing surface for sediment tester, 1000 pieces (80x45) mm, filter diameter: 28 mm

4920 Reference table: with 3 purity grades, German standard

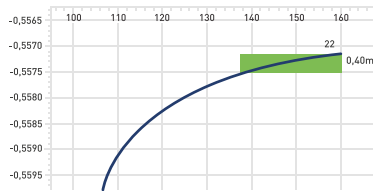


7150 CRYOSTAR I

Automatic cryoscope, single sample device

Properties:

- Reference method in accordance with DIN/ISO/IDF 5764
- Large touchscreen
- New cooling system
- Easy to use, fast, accurate and robust



The freezing curve is displayed during the measurement on the graphical colour display. This is ideal for observing, protocolling and providing proof of the plateau search stipulated by the technical standard (DIN/ISO/IDF 5764).

**7160 CRYOSTAR AUTOMATIC
(MULTI-SAMPLE DEVICE)**

With this device it is possible to measure 12 samples fully automatically at the press of a button.

Properties:

- Reference method in accordance with ISO/IDF/DIN 5764

Weight: 15.2 kg

Dimensions (WxDxH): (430x435x185) mm, with measurement head: 240 mm (H)

ACCESSORIES FOR CRYOSCOPY

7151 Thermal printer: Dimensions (WxDxH): (170x170x65) mm

7157 Thermal paper

7152 Thermistor, long version: for CryoStar automatic and CryoStar I up to serial number 7150-03000

7172 Thermistor, short version: for CryoStar I from serial number 150000

7165 Calibration standard „A“-0.000 °C: 250 ml in PE bottle

7166 Calibration standard „B“-0.557 °C: 250 ml in PE bottle

7186 Calibration standard „A“ -0.408 °C: 250 ml in PE bottle

7187 Calibration standard „B“ -0.600 °C: 250 ml in PE bottle

7188 Confirmation standard „C“ -0.512 °C: 250 ml in PE bottle

7167 **Sample tube:** with marking at 2.0 ml, 50 pieces, internal diameter: 13.7 mm, external diameter: 15.8 mm

7167-A **Sample container:** made of anodised aluminium for faster and more accurate freezing point determination

7168 **Sample stand:** made of PPH, for 27 sample tubes (art. no. 7167), dimensions (WxDxH): [224x70x40] mm

7169 **Cooling bath liquid:** 500 ml in PE bottle, for refilling

7174 **Sampling pipette:** adjustable from 1.0 ml to 5.0 ml

7175 **Pipette tips:** for art. no. 7174, pack of 200



7630 SOLUBILITY INDEX MIXER

The device allows the determination of the solubility index of powdery substances or the mixing of liquids. There are two basic modes available for this:

- Measurement of the solubility index of dried milk according to ISO 8156
- Mode with freely adjustable speed (1000-4000 rpm) and mixing time (5s-99s) for mixing substances and determining the solubility index of substances other than dried milk

ACCESSORIES

7620 Glass mixing bowl

7621 Stirrer blade

7650
Reference table: ADPI „Scorched Particle Standards of Dry Milks“
4 levels

7700
JOLTING VOLUMETER

The device makes it possible to determine the tamped volume or density of powdery and granular products. The product enables compliance with the following standards:

- ISO 8967 (milk powder)
- IDF 134 (milk powder)
- USP <616> method I (pharmaceutical powder)
- ISO 8460 (instant coffee) and others

7661
Replacement measuring cylinder for art. no. 7700

8500
**COLONYSTAR BACTERIA
COUNTER**

For the manual counting of colonies, with pressure-sensitive light field 145 mm in diameter, with direct and indirect energy-saving LED illumination, with adjustable brightness and colour, with digital display and acoustic counter feedback, height-adjustable housing, black and white Wolffhügel disc with 1 cm² and 1/9 cm² graduation. Magnifying lens with flexible arm (Ø 90 mm), 2 x magnification. Petri dishes with a diameter of up to 145 mm can be used; the reducing insert supplied can be used for Petri dishes with a smaller diameter.

Dimensions (WxDxH): (275x300x80) mm

Weight: 2.0 kg

5670
**HUMIDITY MEASURING DEVICE
MLB 50-3C**

Weighing range max.: 50 g, reading precision 0.001 g, humidity: (0-100)%, temperature range: (50-160) °C in increments of 1 °C

Dimensions (WxDxH): (210x335x156) mm

Weight: 6 kg

ACCESSORIES FOR HUMIDITY MEASURING DEVICE MLB 50-3C
Aluminium specimen dishes:
5671

 95 mm in diameter,
80 pieces

5674

 100 mm in diameter,
100 pieces

5672
Circular glass fibre filter: for splashing or caking specimens


**5811-1 ANALYTICAL SCALE
AEJ200-4CM**

With pipette calibration programme, weighing range max.: 220 g, reading precision 0.1 mg, housing with wind protection and three sliding doors. Automatic internal adjustment every 3 hours or upon a temperature change of > 0.8 °C. GLP/ISO logging possible, percentage determination. Calibration certificate optional.

Dimensions (WxDxH): (206x335x335) mm

Weight: 5.4 kg


**5820 PRECISION SCALE
PCB2500-2**

Weighing range max.: 2500 g, reading precision 0.01 g, percentage determination, formulation memory. GLP/ISO logging possible. Calibration certificate optional.

Dimensions (WxDxH): (163x245x79) mm

Weight: 1.4 kg


**8761 BINOCULAR MICROSCOPE
MBL2000**

With 45° slanted viewer. Stable metal casing with coaxial fine and coarse focus. Built-in cross table, with integrated 6V/20W illumination. Double lens Abbé condenser N.A. 1.25 with iris diaphragm, pivotable filter holder, height adjustment, glass filters: blue, yellow, green, 10-fold planar eye pieces

Technical specifications:

Objectives: 4x/NA 0.10; 10x/NA 0.25; 40x0.65, 100x/NA 1.25 oil

Weight: 1.6 kg

8400 Slide: for microscope, half white, cut edges, 50 pieces, dimensions (WxDxH): (76x26x1) mm

8401 Cover glass for microscope: dimensions (WxDxH): (18x18x0.2) mm

8430 Staining cuvette: dimensions (WxDxH): (105x90x80) mm

6049 Steriliser SN55: 53 l, with natural convection for temperature regulation 5 °C above room temperature up to +250 °C, dimensions (WxDxH): (585x514x784) mm, weight: 57 kg

6014 **Incubator IN55:** 53 l, with natural convection for temperature regulation 5 °C above room temperature up to +80 °C, dimensions (WxDxH): (585x514x784) mm, weight: 57 kg

6002 **Universal cabinet UN55:** 53 l, with natural convection for temperature regulation 5 °C above room temperature up to +300 °C, dimensions (WxDxH): (585x514x784) mm, weight: 57 kg

(further models, also with forced air circulation, are available on request)

5140 **Methylene blue tablets:** for bacteria count estimation, 50 pieces

5150 **Resazurine tablets:** 100 pieces for LOVIBOND comparator 2000+ (art. no. 5160)

5160 **LOVIBOND comparator 2000+:** for resazurine test, housing for 2 test tubes for colour comparisons, with milk observation stand, without colour disc (see art. no. 5161)

5161 **Colour disc:** for resazurine 4/9 with 7 standard reference colours

5162 **Test tube:** set consisting of 4 pieces, dimensions: external diameter 15 mm, length: 110 mm

Delvotest - microbiological inhibitor test

6570 **Individual test SP-NT:** contents up to 100 samples

6571 **Plate test SP-NT:** for 96 tests each

Determination of alkaline phosphatase

7820 **Lactognost:** Original pack with reference table for 100 samples

7822 **Testing strips Phosphatesmo MI:** pack of 50 strips

7825 **Peroxtesmo MI:** high temperature heating detection/UHT test determination of peroxidase (pack of 100 strips)

Mastitis detection

7920

California Mastitis Test (Schalm test): for quick determination of increased cell content in milk from which a possible mastitis infection can be diagnosed.

2 test trays with 4 dishes, 1 spray bottle 250 ml

7930

California Mastitis Test (CMT), (test liquid): 1 l

7931

California Mastitis Test (CMT), (test liquid): 5 l

Pocket refractometer

For measuring the degree of evaporation in milk and determining the concentration in various fields of application. With the internationally defined Brix scale it is possible to determine the weight percentage of the dry matter directly.

Length: 185 mm each.

5610

0-32% Brix: 0.2%

5612

28-62% Brix: 0.2%

5613

45-82% Brix: 0.2 %

5614

Digital hand refractometer: Measurement range: 1.3300-1.5318 nD/0-95% Brix, resolution: 0.0001 nD/0.1% Brix, temperature compensation from 10 - 40 °C, dimensions (WxDxH): (80x130x40) mm

5620

Digital Abbé refractometer: measuring range from 1.300 - 1.7200 nD/0-95% Brix, resolution 0.0001 nD/0.1% Brix, temperature compensation 0-90 °C, serial interfaces RS-232 and RS 422, 115/230 V, 50/60 Hz, dimensions (WxDxH): (120x290x300) mm, weight 5 kg

6520

Discharge viscometer: easy-to-use viscometer for measuring the viscosity of yoghurt, curdled milk, sour cream, kefir, etc. The elapsed time for the passage of the material to be measured serves as a measure of the viscosity. With stand and two different discharge nozzles.

6521

Glass plate

6522

Stop watch

LABORATORY GLASSWARE



Butyrometers

All butyrometers come in standard packs of 10.
Please place your order in units of 10.

3150

Precision butyrometer 0-4%: 0.05: for drinking milk and vat milk, frosted rear scale wall, fault tolerance: 0.025%, (accessory: 3280)

Milk butyrometer

3151

0-5%: 0.1 (accessory: 3280)

3152

0-6%: 0.1 (accessory: 3280)

3153

0-7%: 0.1 (accessory: 3280)

3154

0-8%: 0.1 (accessory: 3280)

3155

0-9%: 0.1 (accessory: 3280)

3156

0-10%: 0.1 (accessory: 3280)

3157

0-12%: 0.1 (accessory: 3280)

3158

0-16%: 0.2 (accessory: 3280)

Skimmed milk butyrometer (according to Sichler's method)

3160

0-1%: 0.01 with open bulb and round scale, (accessories: 3280, 3290)

3160-G

0-1%: 0.01 with closed bulb, (accessory: 3280)

Skimmed milk butyrometer (according to Kehe's method)

3161

0-4%: 0.05 (accessory: 3280)

3162

0-5%: 0.05 (accessory: 3280)

Skimmed milk butyrometer (according to Siegfeld's method)

3164

0-0.5%: 0.02 (accessory: 3280)

Powdered milk butyrometer (according to Teichert's method)

3170

0-35%: 0.5 (accessory: 3310)

3171

0-70%: 1.0 (accessory: 3310)

Ice cream and condensed milk butyrometer (according to Roeder's weighing method)

3180

0-6-12%: 0.1 (accessories: 3290, 3300, 3320)

3181

0-15%: 0.2 (accessories: 3290, 3300, 3320)

Cream butyrometer (measuring method, for ice cream)

3189 0-15%: 0.2 (accessory: 3280) **3190** 0-20%: 0.2 (accessory: 3280)

Cream butyrometer (according to Roeder's weighing method)

3200 0-5-40%: 0.5 (accessories: 3290, 3300, 3320) **3201** 0-30-55%: 0.5 (accessories: 3290, 3300, 3320)

3202 0-50-75%: 0.5 (accessories: 3290, 3300, 3320) **3203** 0-5-70%: 1.0 (accessories: 3290, 3300, 3320)

3208 Cream butyrometer (weighing method according to Schulz-Kley) with closed bulb 0-5-40%: 0.5 (accessory: 3280)

Cream butyrometer (according to Koehler's measuring method)

3209 0-30%: 0.5 (accessory: 3280) **3210** 0-40%: 0.5 (accessory: 3280)

3211 0-50%: 1.0 (accessory: 3280) **3212** 0-60%: 1.0 (accessory: 3280)

3213 0-70%: 1.0 (accessory: 3280) **3214** 0-80%: 1.0 (accessory: 3280)

3220 Butter butyrometer (according to Roeder's weighing method): 0-70-90%: 0.5 (accessories: 3290, 3300, 3323)

3230 Cheese butyrometer (weighing method according to Van Gulik): 0-40%: 0.5 (accessories: 3290, 3300, 3321)

3240 Curd butyrometer (weighing method): 0-20%: 0.2 (accessories: 3290, 3300, 3321)

3250 Food butyrometer (according to Roeder's weighing method): 0-100%: 1.0 (accessories: 3290, 3300, 3320)

BUTYROMETER ACCESSORIES

3260 FIBU PATENT CLOSURE

For all measuring method butyrometers, FIBU without adjustment key.





3270 ADJUSTMENT KEY

For FIBU patent closure.

3280 Rubber stopper, conical: for all measuring method butyrometers, diameter 11 mm/16mm, L: 43 mm

3290 Rubber stopper: for all weighing method butyrometers for sealing the bulb, diameter 9 mm/13 mm, L: 20 mm

3300 Rubber stopper with hole: for all weighing method butyrometers, diameter 17 mm/22 mm, L: 30 mm

3310 Rubber stopper without hole: for powdered milk butyrometers, also suitable for extraction tube according to Mojonnier (art. no. 3870 3871), diameter 17 mm/22 mm, L: 30 mm

3320 Cream beaker without holes: for ice cream and condensed milk butyrometers and cream butyrometers according to Roeder, external Ø: 15 mm, L: 77 mm

3321 Cheese beaker with holes: for butyrometers according to Van Gulik's method: external Ø: 15 mm, L: 77 mm

3323 Butter beaker with 2 holes: external Ø: 15 mm, L: 77 mm

Butyrometer stand (also suitable for special solubility index tubes, art. no. 3637)

3330 for 36 samples (PP plastic), dimensions (WxDxH): (610x80x160) mm

3331 for 12 samples (PP plastic), dimensions (WxDxH): (225x80x160) mm

Protective shaking hood

3340 for 36 samples (PP plastic), suitable for art. no. 3330, dimensions (WxDxH): (660x95x165) mm

3341 for 12 samples (PP plastic), suitable for art. no. 3331, dimensions (WxDxH): (230x85x90) mm

Volumetric pipettes (with one ring mark)

3431	10.75 ml milk	3432	11 ml milk
3433	1 ml amyl alcohol	3434	5.05 ml cream
3435	5 ml water	3436	5 ml cream
3437	50 ml short design, L: 390 mm	3438	25 ml short design, L: 365 mm

Automatic tilt measure Superior

3420	With rubber stopper and 500 ml storage bottle, 10 ml sulphuric acid
3421	With rubber stopper and 250 ml storage bottle, 1 ml amyl alcohol

Digital proportioning devices

For aggressive acids and alkalis, without bottles.

9484	1-10 ml: 0.05 ml, with thread adapter: A25, A28, A32, A38, A40
9485	2.5-25 ml: 0.1 ml, with thread adapter: A32, A38, A40

Variable proportioning devices

For aggressive acids and alkalis, without bottles.

9487	1-10 ml: 0.2 ml, with thread adapter: A25, A28, A32, A38, A40
9488	2.5-25 ml: 0.5 ml, with thread adapter: A32, A38, A40

Babcock bottle (without stopper)

3254	0-8% for milk, stopper on request	3256	0-20% for cream, (stopper: 3290)
3258	0-60% for cream and cheese (stopper: 3290)		

Extraction tube (according to Mojonnier)

3870	With rounded bulb, accessories: cork stopper (art. no. 3872), or rubber stopper (art. no. 3310)
3871	With flattened bulb, accessories: cork stopper (art. no. 3872), or rubber stopper (art. no. 3310)

3875 **Wooden stand:** for 12 extraction tubes according to Mojonnier

3634 **ADPI solubility index tube:** 50 ml, graduated from 0-20 ml and mark at 50 ml (see SuperVario-N (3680)), external Ø: 30 mm, L: 138 mm

3637 **Special solubility index tubes:** for determining the solubility of milk powder, fitting into the butyrometer tubes (art. no. 3641) for use in the „Nova Safety“ bench centrifuge (art. no. 3670)

Suitable rubber stoppers, see art. no. 3050

Matching stand, see art. no. 3331

external Ø: 24 mm, H: 180 mm

Lactodensimeter

6600 **For milk according to GERBER's method, large model:** negative scale, with thermometer in stem, 1.020-1.040: 0.0005 g/ml, T= 20 °C, 10-40 °C, approx. (300 x 28) mm, normal design/standard model

6610 **For milk according to GERBER's method, small model:** with thermometer in the body, 1.020-1.035: 0.0005 g/ml, T= 20 °C, 0-40 °C, approx. (210 x 17) mm, normal design / standard model

6630 **For milk according to Quevenne's method, coloured triple scale:** 1.015-1.040: 0.001g/ml, T= 20 °C with thermometer 0-40 °C, approx. (290 x 22) mm

6630-15 **For milk according to Quevenne's method, coloured triple scale:** 1.015-1.040: 0.001g/ml, T= 15 °C with thermometer 0-40 °C, approx. (290 x 22) mm

6631 **For milk according to Quevenne's method, coloured triple scale:** 1.015-1.040: 0.001g/ml, T= 20 °C without thermometer, approx. (210 x 22) mm

6631-15 **For milk according to Quevenne's method, coloured triple scale:** 1.015-1.040: 0.001g/ml, T= 15 °C without thermometer, approx. (210 x 22) mm

Hydrometer

6620 **For milk:** according to former DIN 10290, without thermometer, 1.020-1.045: 0.0005 g/ml, T= 20 °C, approx. (350 x 25) mm, standard version

6640 **for butter milk serum:** DIN 10293, without thermometer, 1.014-1.030: 0.0002 g/ml, T= 20 °C, standard model, approx. (240 x 21) mm

6660 **For condensed milk** (reading at the top): 1.000-1.240: 0.002 g/ml, T= 20 °C, approx. (310x19) mm

6661 **For condensed milk** (reading at the top): 1.040-1.080: 0.001 g/ml, T= 20 °C, approx. (230x21) mm

6670 For yoghurt and chocolate milk: with thermometer in the body, reading at the top, 1.030-1.060: 0.001g/ml, T= 20 °C, approx. (220 x16) mm

6680 Hydrometer for brine/Beaumé (0-30/0.5 Bé, T= 15 °C): without thermometer, approx. (240x17) mm

6681 Hydrometer for brine/Beaumé (0-30/0.5 Bé, T= 15 °C): with thermometer: (0-40) °C

THERMOMETER/ ACCESSORIES

7001 Dairy thermometer (with loop): special red filling, (0-100) °C: 1 °C approx. (250x17) mm

7031 Dairy thermometer: in plastic case with loop, boil and impact-proof, floatable, special red filling, (0-100)°C: 1 °C approx. (280x28) mm

7041 Dairy thermometer: special red filling, as a replacement for no. 7031, approx. (250x17) mm

7046 Universal thermometer: special red filling, (-10-100) °C: 1.0, approx. (260x8) mm

7120 Digital second thermometer 926: for daily temperature measurements in the food industry, for laboratory use, ISO calibration certificate for an extra charge, measurement range (-50 to +400)° C: 0.1 °C (1 °C from 200°C), accuracy ± 0.3 °C

7122 Insertion/precision sensor: for 7120, diameter 4 mm, L: 110 mm

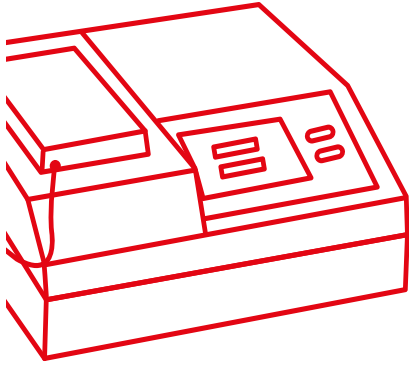
OTHER LABORATORY ARTICLES

Diagnostic dipsticks (detection of: pH, calcium, carbonate hardness, chlorine, chloride, iron, total hardness, magnesium, manganese, nitrate, phosphate, residual hardness, sulphate, peroxide),

Laboratory glassware (beaker, Erlenmeyer flasks, measuring cylinder, laboratory bottles, volumetric flask, funnel, beakers, test tubes, burettes, Soxhlet apparatus),

Pipettes (measuring pipettes, volumetric pipettes), **samplers, cheese triers, butter triers, magnetic stirrers, stands, Bunsen burners, Petri dishes, sample bottles, brushes, proportioning devices etc.**,

can be found in our complete list at www.funke-gerber.de



FUNKE-GERBER - PARTNERS IN DAIRY FARMING SINCE 1904

COMPANY PROFILE

Year of foundation: 1904

Managing Director: Dipl.-Ing. Konrad Schäfer

PRODUCTS

The company develops, manufactures and markets the following laboratory equipment and accessories worldwide:

- All equipment and accessories for the „Gerber method of determining fat“ - centrifuges, water baths, reading lamps, butyrometers
- „CryoStar“ freezing point determination devices
- „LactoStar“ and „LactoFlash“ milk analysis devices
- pH meters
- General laboratory requirements

ACTIVITIES

Turnkey installation or the design of complete laboratories in the following special fields:

- Milk processing industry
- Dairies, milk collection centres
- Cheese dairies, butter works, ice cream, condensed milk and powdered milk factories

Funke - Dr. N. Gerber Labortechnik GmbH

Ringstraße 42
12105 Berlin

Tel. +49 (0)30 702 006 - 0

Fax +49 (0)30 702 006 - 66

kontakt@funke-gerber.de
www.funke-gerber.de



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