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1 Kem Densimeter, model ALM-155

High precision oscillating capillary density meter, for the density analysis in wines and musts on samples as is and of alcohol, after distillation of the sample.

High precision and reliability

The fifth decimal resolution for density and centesimal one for alcohol, together with Peltier thermostation to ensure the data exactly refers to 20.0 °C, make instrument suitable to satisfy what is required by official methods.

The illuminated cell, visible from a special window, allows you to view the presence of any bubbles.

Very user-friendly, fast and easy to clean

The analysis starts by simply pressing a button; then instrument will load the sample into the measuring cell via a peristaltic pump; the analytical data will be obtained on average after only two minutes!

For the cleaning at the end of the day, simply suck up water using the peristaltic pump.

Calibration with water

The quintessential standard for oscillating capillary densimeters is distilled water.

To calibrate the ALM-155, simply suck in bi-distilled water in the cell after selecting the "calibration" option: the instrument will be perfectly aligned in a few minutes.

Technical features:

Density measuring range:	0 - 3 g/cm ³
Resolution:	0.00005 ±0.00001 g/cm ³
Alcohol measuring range:	0.00... 100.00%
Resolution:	0.00% ±0.01%
Thermostating temperature:	20 °C stable (Peltier system)
Resolution:	20.00 °C ±0.03 °C
Sample volume needed:	Approx 8 mL (cell volume 2 mL)
Display:	LCD, backlit
Interfaces:	1) Personal Computer (PC) 2) Printer
Power:	AC 100 ~ 240V; 50/60 Hz

Description	PK	Cat. No.
ALM-155, Kem	1	ALM-155

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2 Mettler densimeter, Densito

Ideal for rapid and accurate routine measurements in quality assurance, incoming and outgoing goods inspection.

Available Measurement Scales: API, °Baumé, Brix, Density, Ethanol, H₂SO₄, Proof (US And IP), °Plato, Specific Gravity, User-Defined Concentration.

Automatic temperature compensation.

Backlit measuring cell.

Adjustable limits with customisable colours in the display.

Bright display with good readability.

Technical features:

Density measuring range:	0 to 3 g/cm ³
Resolution:	0.0001 g/cm ³
Accuracy:	±0.001 g/cm ³
Sample temperature range:	0 ... 50 °C
Resolution:	0.1 °C
Accuracy:	±0.2 °C
Sample volume:	2 mL
Memory:	1100 samples
Display:	2.4" colour display, backlit
Interfaces:	USB-A, USB-C
Power supply:	Removable and rechargeable Li-Ion batteries

Description	PK	Cat. No.
Densito	1	6291652

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Cylinder

3 Alcoholometers and mostimeters

Description	PK	Cat. No.
Tralles alcoholometer, range 0 - 100%. WITH thermometer	1	K71502
Tralles alcoholometer, range 0 - 100%. WITHOUT thermometer	1	X71111
"Official" alcoholometer, range 0/45, div. 1/2°. WITH thermometer	1	X71212
"Official" alcoholometer, range 45/75, div. 1/2°. WITH thermometer	1	X71213
"Official" alcoholometer, range 75/100. WITH thermometer	1	X71214
"Official" alcoholometer 3pcs, ranges: 0-45 / 45-75 / 75-100. WITH thermometer	1	X71215
BABO mostimeter, range 0-35. WITHOUT thermometer	1	K71501
BABO mostimeter, range 0-36. WITH thermometer	1	K71500
Glass cylinder, diam. 34x550 h, with foot	1	X71198
Glass cylinder, diam. 40x450 h, with foot	1	X71199
Cylinder for "Prof" alcoholometer, diam. 33x453 h, with foot	1	X71196
PP cylinder, 500 mL, diam. 50x350 h	1	9004900

1 M5 - ALCOWEIGHT

System for detection of alcoholic volumetric title, dry extract and for evaluation of musts in accordance with OIV method and according to Regulations 2870/2000 and 128/2004. The large Touch-Screen display allows the selection of parameters to be analyzed. Automatic calibration programmed with internal motor weight. Possibility of verification and calibration with DKD certified masses. Relative density range from 0.00 to 2.30 g/cm³.

Reading precision D = 0.00001

Accuracy: 0.00005

Repeatability: ±0.00005

Temperature compensation: 10-30 °C

Thermocouple: Pt100 1/3 DIN Sensitivity: 0.01 °C

Accuracy and repeatability: ±0.05 °C

Reading: 0.1 °C

THE BALANCE INCLUDES AN INTERNAL SOFTWARE to manage:

- Volume alcoholic strength: 0-100% V/V
- Density reading at 20 °C
- Readability: 0.01% V/V
- Accuracy and repeatability: 0.02% V/V
- Recommended working conditions between 10 and 30 °C
- Total dry extract from 0.0 to 505.8 g/L
- Evaluation of musts in: Baumé, Babo, Volumetric mass, theoretic alcohol.
- Data storage via USB

THE SOFTWARE also allows:

- Correction of the float's volume in distilled water and in known solutions
- Calibration and zero
- Update of time, minutes, date, etc ..
- Print of reading data
- Customized users creation

THE SUPPLY includes:

- N.2 x 20 mL floaters (code F11315)
- N.2 x double-walled glass cylinders (code F11313)
- USB data output RS232
- Instruction manual

OPTIONAL ACCESSORIES:

- RS232 printer

External dimensions: 200x360x480(h)mm

Weight: 5 kg

Power: 220 V - 50 Hz

Power consumption: 12 VA

Designed according to current regulations

"CE" marked.

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Description	PK	Cat. No.
M5 - Alcoweight	1	A1460

Accessories and spares for M5

(suitable also for the former model Alcoweight II)

Description	PK	Cat. No.
Double wall cylinder	1	F11313
Calibrated floater	1	X10093
PT100 probe	1	F11324
Thermal printer model PLUS-SA	1	A11508

2 Waterbath

Electronic regulation with digital P.I.D. thermoregulator.

Range: - 5 °C to + 70 °C.

Precision: ±0.1 °C.

Manual safety thermostat (with screw adjustment).

Stainless steel tank, 25lt with holes for glassware; dimensions: 380x250x250 mm.

Support TROLLEY with wheels.

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Description	PK	Cat. No.
IF25	1	A11302

A11302