

Measuring Technology / Lighting

Dial Thermometer ZTM-80

Bimetal dial thermometer with immersion shaft sleeve with a screw-in design, stainless steel 1.4301, for temperature measurement in a beverage tank.

Dial Thermometer features

- ▶ Measuring range -10... +60 °C, precision 1%
- ▶ Housing diameter 81mm, overall depth 13mm, water-protected
- ▶ Feeler rod sensor with diameter 8mm, length 200mm, pluggable connection geometry
- ▶ Plastic adapter with locking screw, thread M12x1.5
- ▶ High-quality glass front panel

Immersion Shaft sleeve features

- ▶ Screw-in design, screw-in geometry 3/8", with nut, washer and food-safe seal
- ▶ Diameter 14mm, length 230mm,
- ▶ Connection geometry internal thread M12x1.5mm

Designation	Dimensions [mm]	Weight [g]	Order no.	Unit price/€
ZTM-80-10/60	DxL= 80 x 200	130	301.1009	

See page 19 below for the immersion shaft sleeve accessory.

Low-Pressure Pressure Fixture DRA-50

Once the production process for wine and fruit juice has been completed, it is beneficial to expose the liquid surface in the tanks to a protective gas atmosphere (e.g. Nitrogen) for storage. The DRA-50 pressure fixture has gas filling and drain cocks as well as a pressure relief valve and a vacuum relief valve. Note: For safety reasons, the fixture is to be removed when filling or emptying the tank.

Features

- ▶ Connection NW 50 MT in accordance with DIN 11851, includes food-safe seal
- ▶ Pressure relief valve 0.3bar, brass
- ▶ Vacuum relief valve -0.03bar, stainless steel
- ▶ Cross-fitting, ball valve for filling and emptying
- ▶ Air connection 7.2 VT
- ▶ Pressure gauge -1bar/+1.5bar

Designation	Details	Order no.	Unit price/€
DRA-50	Low-pressure pressure fixture	301.0236	

Other connections/nominal diameters available on request

Digital mini benchtop refractometers

The MA885 measures the density of grape juice in the °Brix, °Oechsle and °KMW units. The MA885 function is based on measurement of the refractive index of a solution. Measurement of the refractive index is both simple and speedy. It provides the vintner with an accepted method for recording the sugar content of grape juice. Calibration is realised easily with deionised or distilled water. In addition to eliminating measurement uncertainties that are peculiar to optical refractometers, the digital refractometer is also light and easy to transport, making it suitable for use in the field. The device uses internationally recognised unit conversions and compensates for temperature during operation. In addition to a battery status indicator and other helpful symbols, the temperature is simultaneously shown as a measurement value on the display.

Features

- ▶ Double LCD-Display
- ▶ Automatic temperature compensation
- ▶ Uncomplicated commissioning and storage
- ▶ Battery operation with low power display
- ▶ Automatic deactivation after 3 min. inactivity
- ▶ Single-point calibration with distilled or deionized water
- ▶ IP65 protection rating (water spray res.)
- ▶ Reliable measurement values after approx. 1.5 seconds

Designation	Dimensions [mm]	Weight [g]	Order no.	Unit price/€
MA885	192 x 102 x 67mm	420	206.6300	

Technical Data

Measuring range *)	0-230°Oe/50%Brix/42°KMW	Enclosure material	ABS
Resolution	1°Oe/0.1%Brix/0.1°KMW	Protection rating	IP65
Accuracy	+/- 1°Oe/0.2%Brix/0.2°KMW	Battery	1 x 9V AA (included)
Light source	Yellow LED	Battery service life	5000 measurements
Measurement time	Approx. 1.5 sec.	Autom. deactivation	After 3 min. inactivity
Min. sample volume	100 µl	Dimensions	192 x 102 x 67mm
Temperature compensation	Automatic from 10 to 40 °C	Weight	420g

*) Other units on request

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