

## MA885



% Brix, °Oechsle (°Oe) e °KMW (°Babo) Digital Refractometer for Wine and Grape Product Measurements

Rating: Not Rated Yet

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### Description

#### **MA885 Digital Refractometer for Wine and Grape Product Measurements**

MA885 measures %Brix, °Oechsle (°Oe) and °KMW (°Babo). The MA885 is optical instrument that is based on the measurement of the refractive index of a solution. The measurement of refractive index is simple and quick and provides the vintner an accepted method for sugar content analysis.

Samples are measured after a simple user calibration with deionized or distilled water. Within seconds the instrument measures the refractive index of the grape. This digital

refractometer eliminates the uncertainty associated with mechanical refractometers and is easily portable for measurements in the field.

The instrument utilizes internationally recognized references for unit conversion and temperature compensation.

Temperature (in °C or °F) is displayed simultaneously with the measurement on the large dual level display along with icons for Low Power and other helpful message codes.

Key features include:

- Dual-level LCD
- Automatic Temperature Compensation (ATC)
- Easy setup and storage
- Battery operation with Low Power indicator
- Automatically turns off after 3 minutes of non-use
- Single-point calibration with distilled or deionized water
- Quick, precise results readings are displayed in approximately 1.5 seconds
- Small sample size as small as 2 metric drops

| Specification                 | MA885  |
|-------------------------------|--|
| Range                         | 0 to 50% Brix<br>0 to 230°Oechsle<br>0 to 42°BxMW<br>0 to 80°C / 32 to 176°F |
| Resolution                    | 0.1% Brix<br>0.1°Oechsle<br>0.1°BxMW<br>0.1°C / 0.1°F                        |
| Accuracy                      | ±0.2% Brix<br>±1°Oechsle<br>±0.2°BxMW<br>±0.3°C / ±0.5°F                     |
| Light Source                  | yellow LED   |
| Measurements Time             | approximately 1.5 seconds  |
| Minimum Sample Volume         | 100 µL (cover prism totally)   |
| Sample Cell                   | SS ring and flint glass prism  |
| Temperature Compensation      | automatic between 10 and 40°C  |
| Case Material                 | ABS  |
| Battery Type                  | 1 x 9V AA (included)   |
| Battery Life                  | 5000 reading   |
| Auto-shut off                 | after 3 minutes of non-use   |
| Packaging dimensions / weight | 268 x 122 x 118 mm / 660 g   |

### Accessories:

- **MA752** Hard carrying case for digital refractometers

### Ordering information:

MA885 instrument is supplied with:

- 9 V battery
- Instruction manual.