

KERN ORA 1WA

KERN

Refractive index measurement for laboratories and the industry



Category

| | |
|------------------|------------------------|
| Brand | Optics |
| Product category | Refractometer |
| Product group | Analogue refractometer |
| Product family | ORA-W |

Measuring System

| | |
|--|---|
| Measurement temperature [Min] (°C) | 10 °C |
| Measurement temperature [Max] (°C) | 30 °C |
| Measuring method | Light refraction |
| Measuring range Brix [Min] | 0% |
| Scales | Brix Oechsle KMW (Babo) |
| Measuring ranges | 0 % - 32 % 0 °Oe - 140 °Oe 0 °KMW - 25 °KMW |
| Readabilities [d] | 0,2 % 1 °Oe 0,25 °KMW |
| Readout Brix | 0,2% |
| Automatic temperature compensation (ATC) | ✓ |
| Measuring range KMW (Babo) [Min] | 0 °KMW |
| Measuring range KMW (Babo) [Max] | 25 °KMW |
| Readout KMW (Babo) | 0,25 °KMW |
| Scale KMW (Babo) | ✓ |
| Measuring range Oechsle [Min] | 0 °Oe |
| Measuring range Oechsle [Max] | 140 °Oe |
| Readout Oechsle | 1 °Oe |

| | |
|--------------------------------|-----------------------|
| Scale Oechsle | ✓ |
| Appropriate calibration liquid | 0 % (distilled water) |
| Measuring range Brix [Max] | 23% |
| Brix scale | ✓ |
| Area of application | Wine |

Construction

| | |
|----------------------|--|
| Dimension (W×D×H) | 178×40×40 mm |
| Refractometer type | Handheld refractometer |
| Scale - Display type | Analogue |
| Material prism | ZLaF3 lanthanum flint glass nd=1.85544 |

Functions

| | |
|------------------------------------|---|
| Automatic temperature compensation | ✓ |
| IP protection - complete device | - |

Environmental conditions

| | |
|---------------------------|-------|
| Storage temperature [Min] | -5 °C |
| Storage temperature [Max] | 40 °C |

Services (optional)

| | |
|--|---------|
| Article number for factory calibration | 961-290 |
|--|---------|

Packing & Shipping

| | |
|--|----------------|
| Dimensions transport container (W×D×H) | 205×75×55 mm |
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 215×94×65 mm |
| Shipping method | Parcel service |
| Net weight approx. | 0,30 kg |
| Gross weight approx. | 0,40 kg |
| Shipping weight | 0,398 kg |

Product information

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|----------------------|--------------------------|
| GTIN/EAN number | 4045761483026 |
| Trade number | 90275000 |
| REACH classification | no prohibited substances |

Pictograms

STANDARD

