

KERN ORA 3HA

Refractive index measurement for laboratories and the industry

KERN



| | |
|----------------------|------------------------|
| Refractometer type | Handheld refractometer |
| Scale - Display type | Analogue |

Functions

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

Environmental conditions

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

Packing & Shipping

| | |
|--|----------------|
| Dimensions transport container (W×D×H) | 205×75×55 mm |
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 215×94×65 mm |
| Net weight | 0,25272 kg |
| Shipping method | Parcel service |
| Net weight approx. | 0,30 kg |
| Gross weight approx. | 0,35 kg |
| Shipping weight | 0,305 kg |

Services (optional)

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

Pictograms

STANDARD



Category

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

Measuring System

| | |
|--|--------------------|
| Automatic temperature compensation (ATC) | ✓ |
| Measuring method | Light refraction |
| Area of application | Honey |
| Appropriate calibration liquid | 78,8 % (clove oil) |
| Calibration block required | ✓ |
| Measurement temperature [Min] (°C) | 10 °C |
| Measurement temperature [Max] (°C) | 30 °C |
| Brix scale | ✓ |
| Readout Brix | 0,5 % |
| Measuring range Brix [Min] | 58 % |
| Measuring range Brix [Max] | 92 % |
| Scale for Baumé | ✓ |
| Readout Baumé | 0,5 °Bé |
| Measuring range Baumé [Min] | 38 °Bé |
| Measuring range Baumé [Max] | 43 °Bé |
| Scale water content | ✓ |
| Readout water content | 1 % |
| Measuring range water content [Min] | 12 % |
| Measuring range water content [Max] | 27 % |

Construction

| | |
|-------------------|--------------|
| Dimension (W×D×H) | 160×40×40 mm |
|-------------------|--------------|