

# KERN ORA 80BB

# KERN

Refractive index measurement for laboratories and the industry



## Category

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

## Measuring System

|                                    |                       |
|------------------------------------|-----------------------|
| Measuring method                   | Light refraction      |
| Area of application                | Sugar                 |
| Appropriate calibration liquid     | 0 % (distilled water) |
| Measurement temperature [Min] (°C) | 10 °C                 |
| Measurement temperature [Max] (°C) | 30 °C                 |
| Brix scale                         | ✓                     |
| Readout Brix                       | 0,5 %                 |
| Measuring range Brix [Min]         | 0 %                   |
| Measuring range Brix [Max]         | 80 %                  |

## Construction

|                      |  |
|----------------------|--|
| Dimension (W×D×H)    | 137×40×40 mm                           |
| Refractometer type   | Handheld refractometer                 |
| Scale - Display type | Analogue                               |
| Material prism       | ZLaF3 lanthanum flint glass nd=1.85544 |

## Functions

|                                 |   |
|---------------------------------|---|
| IP protection - complete device | - |
|---------------------------------|---|

## 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                             | 0,24772 kg     |
| Shipping method                        | Parcel service |
| Net weight approx.                     | 0,25 kg        |
| Gross weight approx.                   | 0,30 kg        |
| Shipping weight                        | 0,3 kg         |

## Services (optional)

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

## Pictograms

### STANDARD

