# KERN **ORA 3AA**

Refractive index measurement for laboratories and the industry



## Category

| | |
|---|---|
| Brand | Optics |
| Product categoriy | Refractometer |
| Product group | Analogue refractometer |
| Product family | ORA-AL |

## 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<br>Stammwürze (Bier) |
| Measuring ranges | 0 % - 32 %<br>1,000 SG Wort - 1,130 SG Wort |
| Readabilites [d] | 0,2 %<br>0,001 SG Wort |
| Readout Brix | 0,2 % |
| Automatic temperature compensation (ATC) | ✓ |
| Measuring range original hopped wort (specific gravity) [Min] | 1,000 |
| Measuring range original hopped wort (specific gravity) [Max] | 1,130 |
| Readout original hopped wort (specific gravity) | 0,001 |
| Scale original hopped wort (specific gravity) | ✓ |
| Appropriate calibration liquid | 0 % (distilled water) |
| Measuring range Brix [Max] | 32 % |
| Brix scale | ✓ |

| | |
|---|---|
| Area of application | Beer |

## Construction

| | |
|---|---|
| Dimension (W×D×H) | 198×40×40 mm |
| Refractometer type | Handheld refractometer |
| Scale - Display type | Analogue |
| Material prism | ZLaF3 lanthanum flint glass nd=1.85544 |

## Functions

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|---|---|
| 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. | 0,35 kg |
| Shipping weight | 0,32 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761263390 |
| REACH classification | no prohibited substances |

## Pictograms

STANDARD

