

# KERN ORA 1WA

Refractive index measurement for laboratories and the industry



## Article codes, product groups & Status information

|                       |                                 |
|-----------------------|---------------------------------|
| Model article-code    | ORA 1WA                         |
| Model-Serie           | ORA-W                           |
| Assortment            | Microscopes & Optical Metrology |
| Product Type          | Refractometers                  |
| Product group         | Analogue refractometers         |
| Product usage type    | Main article                    |
| EAN code (Model)      | 4045761483026                   |
| Predecessor Model     | ORA 1WA-2.024a                  |
| Planned start date    | 2025-1HJ                        |
| Customs tariff number | 90275000                        |
| Country of Origin     | CN                              |

## Technical data - Primary

|             |                                             |
|-------------|---------------------------------------------|
| Scales      | Brix Oechsle KMW (Babo)                     |
| Scale Range | 0 % - 32 % 0 °Oe - 140 °Oe 0 °KMW - 25 °KMW |
| ATC         | Yes                                         |

## Technical data - Construction

|                    |                        |
|--------------------|------------------------|
| Type               | Handheld refractometer |
| Display scale      | Analogue               |
| Dimensions (W×D×H) | 212×910×60 mm          |

## Technical data - Measuring system

|                    |                  |
|--------------------|------------------|
| Measuring method   | Light refraction |
| Measuring Temp min | 10 °C            |

## Functions

Standard

|                    |                        |
|--------------------|------------------------|
| Measuring Temp max | 30 °C                  |
| Readout            | 0,2 % 1 ° Oe 0,25 °KMW |

## Technical data - Environmental conditions

|                  |       |
|------------------|-------|
| Storage Temp Min | -5 °C |
| Storage Temp Max | 40 °C |

## Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 215×94×65 mm   |
| Gross weight                                | 0,40 kg        |
| Net weight                                  | 0,20 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 100 g          |
| Packaging component - by weight - plastics  | 100 g          |
| Delivery time                               | 1 d            |

## Optional Services

|                 |         |
|-----------------|---------|
| ISO Calibration | 961-290 |
|-----------------|---------|

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Option

