KERN **ORA 2PA**

Refractive index measurement for laboratories and the industry



Category

Brand	Optics
Product categoriy	Refractometer
Product group	Analogue refractometer
Product family	ORA-P

Measuring System

Measurement temperature [Min] (°C)	10 °C
Measurement temperature [Max] (°C)	30 °C
Measuring method	Light refraction
Scales	Refractive index Urine (spec. gravity) Serum proteine
Measuring ranges	1,3330 nD - 1,3600 nD 1,000 sgU - 1,050 sgU 0 g/dl - 12 g/dl
Readabilites [d]	0,0005 nD 0,002 sgU 0,2 g/dl
Automatic temperature compensation (ATC)	✓
Measuring range refractive index [Min]	1,3330 nD
Measuring range refractive index [Max]	1,3600 nD
Readout refractive index	0,0005 nD
Scale for Refractive index	✓
Measuring range protein serum [Min]	0 g/100 ml
Measuring range protein serum [Max]	12 g/100 ml
Readout protein serum	0,2 g/100 ml
Scale protein serum	✓
Measuring range urine (specific gravity) [Min]	1,000
Measuring range urine (specific gravity) [Max]	1,050
Readout urine (specific gravity)	0,002
Scale urine (specific gravity)	✓
Appropriate calibration liquid	0 % (distilled water)
Area of application	Urine

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.	0,35 kg
Shipping weight	0,31 kg

Product information

GTIN/EAN number	4045761483040
REACH classification	no prohibited substances

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Pictograms

STANDARD

