KERN **ORA 5PB**

Refractive index measurement for laboratories and the industry



Date of creation: 24.10.2026

Category

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

Measuring System

Scales	Urine (spec. gravity) - cat Urine (spec. gravity) - dog Serum proteine
Measurement temperature [Max] (°C)	30 °C
Measurement temperature [Min] (°C)	10 °C
Readabilites [d]	0,001 sgU 0,001 sgU 0,1 g/dl
Appropriate calibration liquid	0 % (distilled water)
Measuring method	Light refraction
Scale urine (s. g. dog)	✓
Scale urine (s. g. cat)	✓
Measuring range protein serum [Min]	2 g/100 ml
Measuring range protein serum [Max]	14 g/100 ml
Readout protein serum	0,1 g/100 ml
Measuring range urine (s. g. dog) [Min]	1,000
Measuring range urine (s. g. dog) [Max]	1,060
Readout urine (s. g. dog)	0,001
Measuring range urine (s. g. cat) [Min]	1,000
Measuring range urine (s. g. cat) [Max]	1,060
Scale protein serum	✓
Readout urine (s. g. cat)	0,001
Measuring ranges	1,000 sgU - 1,060 sgU 1,000 sgU - 1,060 sgU 2 g/dl - 14 g/dl
Area of application	Urine

Construction

Dimension (W×D×H)	160×40×40 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

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)	213×90×60 mm
Shipping method	Parcel service
Net weight approx.	0,35 kg
Gross weight approx.	0,45 kg
Shipping weight	0,41 kg
Shipping volume weight	0,2 kg

Product information

GTIN/EAN number	4045761483118
Trade number	90275000
Warranty Time	24 mon

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REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

