

KERN TN 230-0.1US

KERN

Portable measuring device for ultrasonic material thickness testing



Construction

Dimension (W×D×H)	150×74×32 mm
Dimension housing (W×D×H)	150×74×32 mm
Dimensions completely mounted (W×D×H)	150×74×32 mm
Material housing	plastic
Cable length	0,9 m

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AA
Battery operating time	100 h
Battery capacity	3.000 mAh
Battery voltage	1,5 V

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Approval

CE mark	✓
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Services (optional)

Article number for factory calibration	961-113
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	315×245×90 mm
Net weight	0,27 kg
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	1,4 kg
Shipping weight	1,4 kg

Category

Brand	Sauter
Product category	Material thickness measuring device
Product group	Ultrasonic Material thickness gauge pulse-echo method
Product family	TN-US

Measuring System

Material thickness pulse-echo [Min] (mm)	1,2 mm
Material thickness pulse-echo [Max] (mm)	230 mm
Readability material thickness [d] (mm)	0,1 mm
Speed of sound [Min] (m/s)	1000 m/s
Speed of sound [Max] (m/s)	9999 m/s
Measuring head diameter	10 mm
Measuring head measuring frequency	5 MHz
Units	mm inch
Internal data memory: Number of individual values	100
Internal data memory: Number of value groups	20
Tolerance (% of [Max])	0,5%

Display

Display type	LCD
Display digit height	14 mm

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Pictograms

STANDARD



OPTION

