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Portable measuring device for ultrasonic material thickness testing

Features

- External measuring head
- Data interface USB standard (only for models with readout [d] = 0,01 mm)
- Scan mode (10 measurements per sec.) or single point measuring mode possible
- Internal memory for up to 20 files (with up to 100 values per file)
- Selectable measuring units: mm, inch
- Scope of delivery: Operating instructions, batteries, device-specific measuring head and ultrasound contact gel
- **1** Delivered in a robust carrying case

Technical data

- Measuring precision: 0,5 % of [Max] ± 0,04 mm
- Overall dimensions W×D×H 150×74×32 mm
- Battery operation, batteries standard (2×1.5 V AA), AUTO-OFF-function to preserve the battery
- Net weight approx. 0,25 kg

STANDARD

[d]=0,01 mm

OPTION

ISO

Model	Measuring range	Readout	Sensor	Sound velocity	Option
					Factory calibration certificate
SAUTER	mm	[d] mm		m/sec	KERN
TN 80-0.1US	0,75 – 80	0,1	7 MHz ø 6 mm	1000 – 9999	961-113
TN 230-0.1US	1,2 – 230	0,1	5 MHz ø 10 mm	1000 – 9999	961-113
TN 300-0.1US*	3 – 300	0,1	2,5 MHz ø 14 mm	1000 – 9999	961-113
TN 300-0.01US	3 – 300	0,01	2,5 MHz ø 14 mm	1000 – 9999	961-113
TN 80-0.01US	0,75 – 80	0,01	7 MHz ø 6 mm	1000 – 9999	961-113
TN 230-0.01US	1,2 – 230	0,01	5 MHz ø 10 mm	1000 – 9999	961-113

1 * ONLY WHILE STOCKS LAST