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## Hand-held measuring device for ultrasonic material thickness testing in Echo-Echo principle

**Features**

- External measuring head
- USB data interface, as standard
- 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
- Two measuring modes to determine material thickness:
  - Pulse-Echo mode
  - Echo-Echo mode
- Echo-Echo measuring: Determining the actual thickness of materials irrespective of any coating which might be present. In this way, the wall thickness of pipes, for example, can be determined in a non-destructive manner, without having to remove the coating and the measurement can be shown on the display, with the adjustment for the coating thickness already taken into account

- Echo-Echo measurements are only possible with the measuring head included as part of the delivery (SAUTER ATU-US12, see internet)
- Scope of delivery: Operating instructions, batteries, external measuring head (ø 10 mm) 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



OPTION



Model	Measuring range Echo-Echo	Measuring range Pulse-Echo	Readout  [d] mm	Measuring head	Sound velocity  m/sec	Option
						Factory calibration certificate
SAUTER	mm	mm				KERN
TN 30-0.01EE	3 – 30	0,65 – 600	0,01	5 MHz   ø 10 mm	1000 – 9999	961-113
TN 60-0.01EE	3 – 60	0,7 – 600	0,01	5 MHz   ø 10 mm	1000 – 9999	961-113