




Portable measuring device for ultrasonic material thickness testing

05

Features

- External sensor
- 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
-  Delivered in a robust carrying case

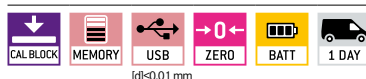
Technical data

- Measuring precision: 0,5 % of [Max] ± 0,04 mm
- Dimensions W×D×H 74×32×150 mm
- Battery operation, batteries standard 2× 1.5 V AA, AUTO-OFF function to preserve batteries
- Net weight approx. 245 g

Accessories

- Data transfer software, USB interface cable included, SAUTER ATU-04, **€ 110,-**
- External sensor, 2,5 MHz, ø 14 mm, for thick samples, in particular cast iron with rough upper surfaces: Measuring range 3–300 mm (steel), SAUTER ATU-US01, **€ 215,-**
- External sensor, 7 MHz, ø 6 mm, for thin test materials: Measuring range 0,75–80 mm (steel), SAUTER ATU-US02, **€ 110,-**
- External sensor, 5 MHz, ø 10 mm, SAUTER ATU-US09, **€ 110,-**
- External sensor, 5 MHz, ø 10 mm, transducer at an angle of 90°, SAUTER ATU-US10, **€ 110,-**
- External sensor, 5 MHz, ø 12 mm, for hot test materials: Measuring range (steel) 3–200 mm at temperatures of up to 300 °C, SAUTER ATB-US02, **€ 295,-**
- Ultrasound contact gel, standard, can be reordered, approx. 60 ml, SAUTER ATB-US03, **€ 30,-**

STANDARD



[d]=0,01 mm

OPTION



Model	Measuring range	Readout	Sensor	Sound velocity	Price excl. of VAT ex works €	Option Factory calibration certificates	
						KERN	€
SAUTER	[Max] mm	[d] mm		m/sec			
TN 80-0.1US	0,75–80	0,1	7 MHz ø 6 mm	1000–9999	560,-	961-113	132,-
TN 230-0.1US	1,2–230	0,1	5 MHz ø 10 mm	1000–9999	560,-	961-113	132,-
TN 300-0.1US	3–300	0,1	2,5 MHz ø 14 mm	1000–9999	660,-	961-113	132,-
TN 80-0.01US	0,75–80	0,01	7 MHz ø 6 mm	1000–9999	620,-	961-113	132,-
TN 230-0.01US	1,2–200 230	0,01 0,1	5 MHz ø 10 mm	1000–9999	620,-	961-113	132,-
TN 300-0.01US	3–200 300	0,01 0,1	2,5 MHz ø 14 mm	1000–9999	710,-	961-113	132,-