



## Premium ultrasonic thickness gauge

### Features

- External measuring head for difficult-to-access measuring points
- **1** 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)
- Measuring with tolerance range (limit-setting function): Upper and lower limiting can be programmed individually. The process is supported by an audible and visual signal
- Selectable measuring units: mm, inch
- Robust metal housing
- Base plate for adjustment included
- Scope of delivery: Operating instructions, batteries, device-specific measuring head and ultrasound contact gel
- **2** Delivered in a robust carrying case

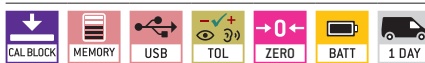
### Technical data

- Measuring precision: 0,5 % of [Max] ± 0,04 mm
- Overall dimensions W×D×H 130×76×32 mm
- Battery operation, batteries standard (2×1.5 V AA)
- Net weight approx. 0,50 kg

### Accessories

- Software, interface cable included, SAUTER ATU-04TU
- External measuring head, 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
- External measuring head, 7 MHz, Ø 6 mm, for thin test materials: Measuring range 0,75–80 mm (steel), SAUTER ATU-US02
- External measuring head, 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
- External measuring head, 5 MHz, Ø 10 mm, SAUTER ATU-US09
- External measuring head, 5 MHz, Ø 10 mm, transducer at an angle of 90°, SAUTER ATU-US10
- Ultrasound contact gel, refill pack, approx. 70 ml, SAUTER ATB-US03,

#### STANDARD



#### OPTION



Model	Measuring range	Readout	Measuring head	Sound velocity	Option
					<b>Factory Calibration Certificate</b>
<b>SAUTER</b>	mm	[d] mm		m/sec	KERN
<b>TU 80-0.01US</b>	0,75 – 80	0,01	7 MHz   Ø 6 mm	1000 – 9999	961-113
<b>TU 230-0.01US</b>	1,2 – 230	0,01	5 MHz   Ø 10 mm	1000 – 9999	961-113
<b>TU 300-0.01US</b>	3 – 300	0,01	2,5 MHz   Ø 14 mm	1000 – 9999	961-113