



## Premium ultrasonic thickness gauge

05

### Features

- External sensor for difficult-to-access measurements
- Base plate for adjustment included with delivery
- **1** Data interface USB
- **2** Delivered in a robust carrying case
- 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

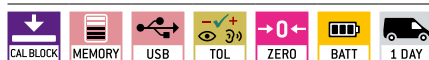
### Technical data

- Measuring precision: 0,5 % of [Max] ± 0,04 mm
- Dimensions W×D×H 76×32×132 mm
- Battery operation, batteries standard 2× 1.5 V AA
- Net weight approx. 345 g

### Accessories

- Data transfer software, interface cable included, SAUTER ATU-04TU, **€ 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 12 mm, for hot test materials: Measuring range (steel) 3–200 mm at temperatures of up to 300 °C, SAUTER ATB-US02, **€ 295,-**
- 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,-**
- Ultrasound contact gel, standard, can be reordered, approx. 60 ml, SAUTER ATB-US03, **€ 30,-**

#### STANDARD



#### OPTION



Model	Measuring range [Max] mm	Readout [d] mm	Sensor	Sound velocity m/sec	Price excl. of VAT ex works €	Option Factory calibration certificates	
						KERN	€
<b>SAUTER</b>							
<b>TU 80-0.01US</b>	0,75–80	0,01	7 MHz   Ø 6 mm	1000–9999	<b>1170,-</b>	961-113	132,-
<b>TU 230-0.01US</b>	1,2–200   230	0,01   0,1	5 MHz   Ø 10 mm	1000–9999	<b>1170,-</b>	961-113	132,-
<b>TU 300-0.01US</b>	3–200   300	0,01   0,1	2,5 MHz   Ø 14 mm	1000–9999	<b>1260,-</b>	961-113	132,-