



Compact material thickness gauge with external sensor

Features	Technical data	Accessories
• External sensor for difficult-to-access measurements • Data interface RS-232 included • Base plate for adjustment incorporated •  Delivered in a hard carrying case • Selectable measuring units: mm, inch	• Precision: 0,5 % of [Max] + 0,1 mm • Dimensions WxDxH 120x65x30 mm • Battery operation, batteries standard 4 x 1.5 V AAA, AUTO-OFF function to preserve the batteries • Net weight approx. 0,164 kg	• Software, interface cable included, SAUTER ATD-01 • External sensor, 6 MHz, Ø 6 mm, for thin test materials: Measuring range (steel) 1 – 50 mm, SAUTER ATB-US01 • External sensor, 5 MHz, Ø 12 mm, for hot test materials: Measuring range (steel) 1 – 225 mm at normal temperatures, 4 – 100 mm at temperatures of up to 300 °C, SAUTER ATB-US02 • External sensor, 7 MHz, Ø 6 mm, SAUTER ATU-US02 • External sensor, 5 MHz, Ø 10 mm, SAUTER ATU-US09 • External sensor, 5 MHz, Ø 10 mm, transducer at an angle of 90°, SAUTER ATU-US10 • Ultrasound contact gel, standard, can be reordered, approx. 60 ml, SAUTER ATB-US03 • 5 steel calibration blocks without wooden box, SAUTER ATU-06 • 5 steel calibration blocks with wooden box, SAUTER ATU-09

STANDARD



OPTION



Model	Measuring range	Readout	Sensor	Sound velocity		Option	
						ISO Calibration Certificate	
SAUTER	[Max] mm	[d] mm		m/sec		ISO KERN	
TD 225-0.1US.	1,2 - 225	0,1	5 MHz Ø 8 mm	500 - 9000		961-113	

 Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.	 Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices.	 Battery operation: Ready for battery operation. The battery type is specified for each device.
 Calibration block: standard for adjusting or correcting the measuring device.	 Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.	 Rechargeable battery pack: rechargeable set.
 Peak hold function: capturing a peak value within a measuring process.	 Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.	 Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
 Scan mode: continuous capture and display of measurements.	 Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 Power supply: Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
 Push and Pull: the measuring device can capture tension and compression forces.	 PC Software: to transfer the measurements from the device to a PC.	 Motorised drive: The mechanical movement is carried out by a motorised drive.
 Length measurement: captures the geometric dimensions of a test object or the movement during a test process.	 Printer: a printer can be connected to the device to print out the measurements.	 Fast-Move: the total length of travel can be covered by a single lever movement.
 Focus function: increases the measuring accuracy of a device within a defined measuring range.	 GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.	 ISO Calibration: The time required for ISO calibration is shown in days in the pictogram.
 Internal memory: to save measurements in the device memory.	 Measuring units: Weighing units can be switched to e.g. non-metric at the touch of a key. Please refer to website for more details.	 Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Data interface RS-232: bidirectional, for connection of printer and PC.	 Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.	 Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Data interface USB: To connect the balance to a printer, PC or other peripheral devices.	 ZERO: Resets the display to "0".	 Warranty: The warranty period is shown in the pictogram.

Your SAUTER specialist dealer: