



Compact worktool for daily use

Features

- **External sensor** for difficult-to-access measurements
- **Base plate for adjustment** incorporated
-  Delivered in a hard carrying case
- **Auto-Power-Off**
- Selectable measuring units: mm, inch
- TB 200-0.1US-RED. can only analyse these materials: cast iron, aluminium, copper, brass, zinc, quartz glass, polyethylene, PVC, grey cast iron, nodular cast iron, steel

Technical data

- Precision: 0,5 % of [Max]
- Dimensions WxDxH 69x32x161 mm
- Battery operation, batteries standard 4 x 1.5 V AA
- Net weight approx. 0,3 kg

Accessories

- **External sensor**, 5 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, for thin test materials: Measuring range 0,75 – 80 mm (steel), SAUTER ATU-US02
- **External sensor**, 5 MHz, Ø 10 mm, SAUTER ATU-US09
- **External sensor**, 5 MHz, Ø 8 mm, SAUTER ATB-US06
- **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

 CAL BLOCK

 ZERO

 BATT

 1 DAY

 2 YEARS WARRANTY

OPTION

 ISO +4 DAYS

Model	Measuring range [Max] mm	Readout [d] mm	Sensor	Sound velocity m/sec	Option ISO Calibration Certificate	
					ISO KERN	
SAUTER						
TB 200-0.1US.	1,5 - 200	0,1	5 MHz Ø 8 mm	500 - 9000	961-113	
TB 200-0.1US-RED.	1,5 - 200	0,1	5 MHz Ø 8 mm	-	961-113	

 CAL EXT	Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.	 IR	Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices.	 BATT	Battery operation: Ready for battery operation. The battery type is specified for each device.
 CAL BLOCK	Calibration block: standard for adjusting or correcting the measuring device.	 SWITCH	Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.	 ACCU	Rechargeable battery pack: rechargeable set.
 PEAK	Peak hold function: capturing a peak value within a measuring process.	 ANALOG	Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.	 230 V	Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
 SCAN	Scan mode: continuous capture and display of measurements.	 STATISTIC	Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 230 V	Power supply: Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
 PUSH/PULL	Push and Pull: the measuring device can capture tension and compression forces.	 SOFTWARE	PC Software: to transfer the measurements from the device to a PC.	 MOTOR	Motorised drive: The mechanical movement is carried out by a motorised drive.
 SCALE	Length measurement: captures the geometric dimensions of a test object or the movement during a test process.	 PRINT	Printer: a printer can be connected to the device to print out the measurements.	 FAST-MOVE	Fast-Move: the total length of travel can be covered by a single lever movement.
 FOCUS	Focus function: increases the measuring accuracy of a device within a defined measuring range.	 GLP PROTOCOL	GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.	 ISO +4 DAYS	ISO Calibration: The time required for ISO calibration is shown in days in the pictogram.
 MEMORY	Internal memory: to save measurements in the device memory.	 UNIT	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.	 1 DAY	Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 RS 232	Data interface RS-232: bidirectional, for connection of printer and PC.	 TOL	Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.	 1 DAY	Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 USB	Data interface USB: To connect the balance to a printer, PC or other peripheral devices.	 ZERO	ZERO: Resets the display to "0".	 2 YEARS WARRANTY	Warranty: The warranty period is shown in the pictogram.

Your SAUTER specialist dealer:

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