SAUTER **TB 200-0.1US**

Reliable material thickness gauge for daily use

Date of creation: 02.10.2026

Category

Brand	Sauter
Product category	Material thickness measuring device
Product group	Ultrasonic Material thickness gauge pulse-echo method
Product family	TB-US

Measuring System

Material thickness pulse-echo [Min] (mm)	1,5 mm
Material thickness pulse-echo [Max] (mm)	200 mm
Readability material thickness [d] (mm)	0,1 mm
Speed of sound [Min] (m/s)	500 m/s
Speed of sound [Max] (m/s)	9999 m/s
Measuring head diameter	8 mm
Measuring head measuring frequency	5 MHz
Units	mm inch
Tolerance (% of [Max])	0,5%

Construction

Dimension (W×D×H)	161×69×32 mm
Dimension housing (W×D×H)	161×69×32 mm
Dimensions completely mounted (W×D×H)	161×69×32 mm
Material housing	plastic
Cable length	0,9 m

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery capacity	2.600 mAh
Battery voltage	1,5 V
Battery – Number of cells	4
Battery – Individual weight	22,6 g
Battery – Total weight	90,4 g
Battery capacity (Wh)	3,9 Wh
Battery – Lithium content	0 g
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	50 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Services (optional)

Article number for factory calibration	961-113

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	260×215×75 mm
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	1,00 kg
Shipping weight	0,958 kg
Shipping volume weight	0,8 kg

Product information

GTIN/EAN number	4045761140028
Trade number	90318080
Warranty Time	24 mon
REACH classification	no prohibited substances

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Pictograms

STANDARD

OPTION