

SAUTER TO 100-0.01EE

Material thickness gauge for ultrasonic material thickness testing in Echo-Echo principle



Display resolution 240×320

Construction

Dimension (W×D×H)	31×69×130 mm
Dimension housing (W×D×H)	31×69×130 mm
Dimensions completely mounted (W×D×H)	31×69×130 mm
Material housing	plastic
Material display housing	plastic
Cable length	1 m

Functions

Continuous capture possible	✓
Limit-setting function	✓
Memory function	✓
Statistic function	✓
	off
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 10 min

Interface

Interfaces	USB-Device
------------	------------

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	30 h
Battery capacity	3.000 mAh
Battery voltage	3 V
Battery - Number of cells	2
Battery - Individual weight	46 g
Battery - Total weight	92 g
Battery - Construction	Individual cells
Battery capacity (Wh)	4,5 Wh
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

Approval

CE mark	✓
---------	---

Category

Brand	Sauter
Product category	Material thickness measuring device
Product group	Ultrasonic Material thickness gauge Echo-Echo Method
Product family	TO-EE

Measuring System

Material thickness pulse-echo [Max] (mm)	600 mm
Readability material thickness [d] (mm)	0,01 mm
Speed of sound [Min] (m/s)	200 m/s
Speed of sound [Max] (m/s)	19999 m/s
Measuring head diameter	10 mm
Measuring head measuring frequency	5 MHz
Material thickness echo-echo [Min] (mm)	3 mm
Material thickness echo-echo [Max] (mm)	100 mm
Internal data memory: Number of value groups	99
Units	mm inch
Tolerance (% of [Max])	0,4%
Internal data memory: Number of individual values	100
Material thickness pulse-echo [Min] (mm)	0,7 mm

Display

Display type	TFT, color
--------------	------------

SAUTER TO 100-0.01EE



Material thickness gauge for ultrasonic material thickness testing in Echo-Echo principle

Services (optional)

Article number for factory calibration	961-113
--	---------

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	315×245×85 mm
Shipping method	Parcel service
Net weight approx.	0,25 kg
Gross weight approx.	1,4 kg
Shipping weight	1,33 kg

Product information

GTIN/EAN number	4045761217652
Trade number	90318080
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

