

KERN TN GOLD 80

KERN

Ultrasonic measuring instrument for checking the authenticity of gold bars and coins



Category

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

Measuring System

Material thickness pulse-echo [Min] (mm)	0,75 mm
Material thickness pulse-echo [Max] (mm)	80 mm
Readability material thickness [d] (mm)	0,01 mm
Speed of sound [Min] (m/s)	1000 m/s
Speed of sound [Max] (m/s)	9999 m/s
Measuring head diameter	6 mm
Measuring head measuring frequency	7 MHz
Units	mm inch
Internal data memory: Number of individual values	100
Internal data memory: Number of value groups	20
Tolerance (% of [Max])	0,5%

Display

Display type	LCD
Display type	LCD
Display digit height	14 mm

Construction

Dimension (W×D×H)	150×74×32 mm
Dimension housing (W×D×H)	150×74×32 mm
Dimensions completely mounted (W×D×H)	150×74×32 mm
Dimension display device (W×D×H)	150×74×32 mm
Material housing	plastic
Material display housing	Plastics
Cable length	0,9 m

Functions

Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 60 min
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Interface

Interfaces	USB-Device
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Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	100 h
Battery capacity	3.000 mAh
Battery voltage	1,5 V

Environmental conditions

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

Approval

CE mark	✓
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Services (optional)

Article number for factory calibration	961-113
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	375×220×95 mm
Shipping method	Parcel service
Net weight approx.	0,25 kg
Gross weight approx.	1,4 kg
Shipping weight	1,6 kg

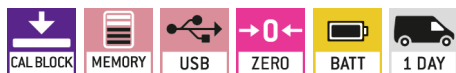
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Pictograms

STANDARD



OPTION

