

# KERN TU 230-0.01US

Premium ultrasonic thickness gauge

# KERN



## Construction

Dimension (W×D×H)	132×76×32 mm
Dimension housing (W×D×H)	132×76×32 mm
Dimensions completely mounted (W×D×H)	132×76×32 mm
Material housing	cast aluminium
Cable length	0,9 m

## Functions

Interfaces	USB-Device
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## Power Supply

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

## Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	60 °C
Storage temperature [Min]	-30 °C
Storage temperature [Max]	70 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	315×240×85 mm
Net weight	0,614 kg
Shipping method	Parcel service
Net weight approx.	0,65 kg
Gross weight approx.	1,4 kg
Shipping weight	1,33 kg

## Services (optional)

Article number for factory calibration	961-113
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## Category

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

## Measuring System

Units	mm inch
Tolerance (% of [Max])	0,5%
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
Material thickness pulse-echo [Min] (mm)	1,2 mm
Material thickness pulse-echo [Max] (mm)	230 mm
Measuring head diameter	10 mm
Measuring head measuring frequency	5 MHz
Internal data memory: Number of value groups	20
Internal data memory: Number of individual values	100

## Approval

CE mark	✓
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## Display

Display type	LCD
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## Pictograms

### STANDARD



### OPTION

