

# KERN TU 80-0.01US

Premium ultrasonic thickness gauge

**KERN**<sup>®</sup>



## Article codes, product groups & Status information

Model article-code	TU 80-0.01US
Model-Serie	TU
Assortment	Sauter
Product Type	Thickness measurement
Product group	Material thickness gauges
Product usage type	Main article
EAN code (Model)	4045761139824
Predecessor Model	TU 80-1US-2.019a
Planned start date	2012-1HJ
Customs tariff number	90318080
CE Label	Yes
Country of Origin	CN

## Technical data - Primary

Max. Pulse-Echo	80 mm
Min. Pulse-Echo	0,75 mm

## Technical data - Construction

Dimension housing (W×D×H)	132×76×32 mm
Material housing	Cast aluminium
cable length	0,9 m

## Technical data - Display

Display type	LCD
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## Technical data - Power supply

Power supply	Battery
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Battery type	Alkali(-Manganese)
Quantity Batteries	2×15 V AA
Interfaces	USB-Device

## Technical data - Measuring system

Readability	0,01 mm
Tolerance (% from Max.)	0,5%
Units	Inch;mm
Material Speed of sound - min.	1.000 m/s
Material Speed of sound - max.	9.999 m/s
Material Speed of sound - max.	9.999 m/s
Measuring Head diameter	6 mm

## Technical data - Functions

Interfaces	USB-Device
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## Technical data - Environmental conditions

Maximum operating temperature	60 °C
Minimum operating temperature	-10 °C
Maximum storage temperature	70 °C
Minimum storage temperature	-30 °C

## Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	315×245×85 mm
Gross weight	1,8 kg
Net weight	0,50 kg

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Shipping method	Parcel service
UN number	Drycell (UN number Alkaline: none, NiMH: 3496 - Packing instruction #1)
Packaging component - by weight - cardboard	262 g
Packaging component - by weight - styrofoam	556,5 g
Delivery time	1 d

## Technical data - Counting data

Value memory - number of groups	20
Value memory - number of cells (per group)	100

## Optional Services

Factory calibration	961-113
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## Functions

### Standard



### Option

