

KERN TN 300-0.1US

Portable measuring device for ultrasonic material thickness testing

KERN[®]



Article codes, product groups & Status information

Model article-code	TN 300-0.1US
Model-Serie	TN
Assortment	Sauter
Product Type	Thickness measurement
Product group	Material thickness gauges
Product usage type	Main article
EAN code (Model)	4045761139855
Predecessor Model	TN 300-0.1US-2019a
Successor Model	TN 300-0.01US
Planned start date	2012-1HJ
Customs tariff number	90318080
Product status	Yes
CE Label	Yes

Technical data - Primary

Max. Pulse-Echo	300 mm
Min. Pulse-Echo	3 mm

Technical data - Construction

Dimension housing (W×D×H)	150×74×32 mm
Material housing	Plastic
cable length	0.9 m

Technical data - Display

Display type	LCD
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Technical data - Power supply

Power supply	Battery
Battery type	Alkali(-Manganese)
Quantity Batteries	2×1.5 V AA

Technical data - Measuring system

Readability	0.1 mm
Tolerance (% from Max.)	0.5%
Units	Inch;mm
Material Speed of sound - min.	1000 m/s
Material Speed of sound - max.	9999 m/s
Material Speed of sound - max.	9999 m/s
Measuring Head diameter	14 mm

Technical data - Environmental conditions

Maximum operating temperature	40 °C
Minimum operating temperature	-10 °C
Maximum storage temperature	40 °C
Minimum storage temperature	-10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	317×247×85 mm
Gross weight	1.4 kg
Net weight	0.30 kg
Shipping method	Parcel service
UN number	Drycell (UN number Alkaline: none, NiMH: 3496 - Packing instruction #1)

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Packaging component - by weight - cardboard 262 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

Functions

Standard



Option

