

KERN HN-D

KERN

“Pen type“ Leeb hardness tester for mobile hardness testing of metals



Category

Brand	Sauter
Product category	Hardness testing
Product group	Leeb hardness tester
Product family	HN-D

Measuring System

Units	HL HV HB HRB HRC
Tolerance (% of [Max])	1%
Hardness scales	HLD
Readability [d] hardness (HLx)	1
Leeb Hardness Tester sensor type	D
Measuring range [Min] (HLx)	170
Measuring range [Max] (HLx)	960
Measuring probe diameter	2 cm
Measuring probe length	14,6 cm
Test object thickness [Min]	3 mm
Test object minimum weight [Min]	2 kg

Approval

CE mark	✓
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Display

Display type	LCD
Display digit height - smallest digit	5 mm
Display digit height	5 mm

Construction

Dimension (W×D×H)	22×35×147 mm
Dimension housing (W×D×H)	22×35×147 mm

Dimensions completely mounted (W×D×H)	22×35×147 mm
Material housing	cast aluminium, plastic
Scale - Display type	Digital

Functions

360° measurement possible	✓
Statistic function	✓
Interfaces	USB-Device

Power Supply

Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	5 V 1000 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
	EURO
Plug-in power supply / adapter for countries - optional	AUS UK US
Rechargeable battery charging time	3 h
Rechargeable battery operating time - backlight off	16 h
Battery / accumulator type	Li-Ion
Battery connection	soldered
Battery capacity	110 mAh
Battery voltage	3,7 V

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	300×257×120 mm
Net weight	0,16 kg
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	1,2 kg
Shipping weight	1,9 kg

Services (optional)

Article number for factory calibration	961-131
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Pictograms

STANDARD



OPTION

