

KERN HN-D



“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

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

Units	HL
	HV
	HB
	HRB
	HRC

Tolerance (% of [Max])	1%
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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
Material housing	cast aluminium, plastic
Scale - Display type	Digital

Functions

Function for averaging	✓
360° measurement possible	✓
Memory - number of results	500
Statistic function	✓

Interface

Interfaces	USB-Device
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Power Supply

Supplied power supply	Accu & Power supply
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO

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

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

CE mark	✓
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Services (optional)

Article number for factory calibration	961-131
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	300×257×120 mm
Net weight	0,16 kg
Shipping method	Parcel service

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Net weight approx.	0,20 kg
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Gross weight approx.	1,2 kg
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Shipping weight	1,9 kg
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Pictograms

STANDARD



OPTION

