

KERN HN-D

KERN

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



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
Shipping method	Parcel service
Dimensions packaging (W×D×H)	300×257×120 mm
Net weight approx.	0,20 kg
Gross weight approx.	1,2 kg
Shipping weight	1,9 kg
UN number (hazardous goods)	3481

Services (optional)	
Article number for factory calibration	961-131

Kategorie	
Brand	Sauter
Product category	Hardness tester
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	✓

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

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Pictograms

STANDARD



OPTION

