

SAUTER HN-D



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



Date of creation: 20.06.2026

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
Leeb Hardness Tester sensor type	D
Units	HL
	HV
	HB
	HRB
	HRC
Tolerance (% of [Max])	1%
Test object thickness [Min]	3 mm
Hardness scales	HLD
Test object minimum weight [Min]	2 kg
Measuring probe length	14,6 cm
Measuring probe diameter	2 cm
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
Power Supply	
Supplied power supply	Accu & Power supply
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
Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	5 V 1000 mA
Battery / accumulator type	Li-Ion
Battery connection	soldered
Battery capacity	110 mAh
Battery voltage	3,7 V
Battery - Individual weight	40 g
Rechargeable battery operating time - backlight off	16 h
Rechargeable battery charging time	3 h
Battery/Accu connected	fixed electrical connection, not insulated
Environmental conditions	
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C
Approval	
CE mark	✓
Services (optional)	
Article number for factory calibration	961-131
Packing & Shipping	
Delivery time	1 d

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Dimensions packaging (W×D×H) 300×257×120 mm

Shipping method Parcel service

Net weight approx. 0,20 kg

Gross weight approx. 1,2 kg

Shipping weight 1,9 kg

Shipping volume weight 1,9 kg

Product information

GTIN/EAN number 4045761139671

Trade number 90241040

REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

