

SAUTER HK-DB

Premium Leeb hardness tester with hardness comparison block included

KERN

Date of creation: 20.06.2026

Category

Brand	Sauter
Product category	Hardness testing
Product group	Leeb hardness tester
Product family	HK

Measuring System

Measuring range [Min] (HLx)	170
Measuring range [Max] (HLx)	960
Readability [d] hardness (HLx)	1
Test block inclusive	✓
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 graphic
Display digit height	11 mm

Construction

Dimension (W×D×H)	132×82×31 mm
Dimension housing (W×D×H)	132×82×31 mm

Material housing	cast aluminium
Scale - Display type	Digital

Functions

Function for averaging	✓
360° measurement possible	✓
Memory function	✓
Statistic function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	0,5 - 60 min

Interface

Interfaces	USB-Device
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Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AA
Battery operating time	200 h
Battery capacity	3.000 mAh
Battery voltage	1,5 V
Battery - Number of cells	2
Battery - Individual weight	23 g
Battery - Total weight	46 g
Battery - Construction	Individual cells
Battery capacity (Wh)	4,5 Wh
Battery - Lithium content	0 g
Battery/Accu connected	not connected, enclosed

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)	368×215×85 mm
Shipping method	Parcel service
Net weight approx.	0,45 kg
Gross weight approx.	4,2 kg
Shipping weight	4,2 kg
Shipping volume weight	1,3 kg

Product information

GTIN/EAN number	4045761190627
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Trade number	90241040
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

