

SAUTER HMO

Advanced features for professional applications

KERN



Date of creation: 20.06.2026

Category

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

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
MPa

Tolerance (% of [Max])	1%
Test object thickness [Min]	3 mm
Hardness scales	HLD
Test object minimum weight [Min]	3 kg
Measuring probe length	14,6 cm
Measuring probe diameter	2 cm

Display

Display type	LCD touch
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Construction

Dimension (W×D×H)	24×83×135 mm
Dimension housing (W×D×H)	24×83×135 mm

Material housing	plastic
Scale - Display type	Digital

Functions

Function for averaging	✓
Limit-setting function	✓
360° measurement possible	✓
Memory function	✓
Memory - number of results	500
Statistic function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min

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
Input voltage power supply / power [Max]	110 V - 240 V
Input voltage device / power [Max]	5 V, 1 A
Battery / accumulator type	Li-Ion
Battery capacity	1.500 mAh
Battery voltage	3,7 V
Battery - Number of cells	1
Battery - Individual weight	25 g
Battery - Total weight	25 g
Battery - Construction	Inseparable connection of cells (pack)
Battery capacity (Wh)	5,55 Wh
Battery - Lithium content	2,58 g
Battery - Tests passed UN 38.3	✓
Rechargeable battery	3.7 V 1600mAh
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	8 h
Battery/Accu connected	fixed electrical connection, not insulated

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)	450×340×165 mm
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	5,3 kg
Shipping volume weight	5 kg

Product information

GTIN/EAN number	4045761139664
Trade number	90241040
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

