SAUTER **HO 1K**

Premium UCI hardness testing device for Rockwell, Brinell and Vickers



Date of creation: 23.10.2026

Category	
Brand	Sauter
Product category	Hardness testing
Product group	UCI hardness tester
Product family	HO

Measuring System	
Measuring range Rockwell - scale B	41-100HRB
Measuring range Rockwell - scale A	37-85HRA
Measuring range Rockwell - scale C	20,3-68HRC
Test block inclusive	✓
Units	HL HV HB HRB HRC MPa HRA
Measuring range tensile strength	255-2180MPa
Measuring range Brinell	79-618HB
Test object thickness [Min]	2 mm
Measuring range Vickers	80-1599HV
Hardness scales	HV 1
Test object minimum weight [Min]	300 g
Test force Hardness measurement	10 N
Measuring probe length	15,5 cm
Measuring probe diameter	18 mm

Display	
Display type	LCD graphic

Construction	
Dimension (W×D×H)	28×83×160 mm
Dimension housing (W×D×H)	28×83×160 mm
Material housing	metal, lacquered
Type of drive	manual
Scale - Display type	Digital

Functions	
Statistic function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	30 min
360° measurement possible	✓
Memory function	✓
Memory - number of results	1.000
Function for averaging	✓
Limit-setting function	✓

Interface	
Interfaces	USB-Device

Power Supply	
Supplied power supply	Accu & Power supply
Power supply type	USB including power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	110 - 240 V
Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 2 A
Power socket for mains adapter	Micro USB
Battery / accumulator type	Li-Ion
Battery connection	Connector pin
Battery capacity	3.200 mAh
Battery voltage	3,7 V
Battery – Number of cells	4
Battery – Individual weight	80 g

SAUTER **HO 1K**

Premium UCI hardness testing device for Rockwell, Brinell and Vickers

Battery – Total weight	320 g
Battery – Construction	Inseparable connection of cells (pack)
Battery capacity (Wh)	14,5 Wh
Battery – Lithium content	5 g
Battery – Tests passed UN 38.3	✓
Rechargeable battery operating time - backlight on	6 h
Rechargeable battery operating time - backlight off	12 h
Rechargeable battery charging time	8 h
Battery/Accu connected	not connected, isolated in the device

Services (optional)

Article number for factory calibration	961-270

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	395×325×150 mm
Shipping method	Parcel service
Net weight approx.	0,95 kg
Gross weight approx.	4,6 kg
Shipping weight	4,41 kg
Shipping volume weight	3,9 kg

Product information

GTIN/EAN number	4045761184138
Trade number	90248000
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

