

SAUTER HO 1K

Premium UCI hardness testing device for Rockwell, Brinell and Vickers

KERN



Category

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

Measuring System

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

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

Interface

Interfaces	USB-Device
------------	------------

Power Supply

Supplied power supply	Accu & Power supply
Plug-in 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
Input voltage power supply / power [Max]	US
	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
Battery - Total weight	320 g
Battery - Construction	Inseparable connection of cells (pack)
Battery capacity (Wh)	14,5 Wh
Battery - Lithium content	5 g

SAUTER HO 1K



Premium UCI hardness testing device for Rockwell, Brinell and Vickers

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

Approval

CE mark	✓
---------	---

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

Product information

GTIN/EAN number	4045761184138
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

