

KERN HO 1K

Premium UCI hardness testing device for Rockwell, Brinell and Vickers



Display

Display type	LCD graphic
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Construction

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

Functions

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

Power Supply

Input voltage power supply / power [Max]	110 - 240 V
Input voltage device / power [Max]	5 V, 2 A
Plug-in power supply type	USB including power supply
Supplied power supply	Battery & 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
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	6 h
Rechargeable battery operating time - backlight off	12 h
Battery / accumulator type	Li-Ion
Battery connection	Connector pin
Battery capacity	3.200 mAh
Battery voltage	3,7 V

Category

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

Measuring System

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

Approval

CE mark	✓
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Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	395×325×150 mm
Net weight	0,93 kg
Shipping method	Parcel service
Net weight approx.	0,95 kg
Gross weight approx.	4,6 kg
Shipping weight	4,41 kg

Services (optional)

Article number for factory calibration	961-270
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Pictograms

STANDARD



OPTION

