

KERN HEA 100

Shore hardness tester with extensive functionality

KERN



Material housing plastic

Functions

Auto-off interval(s) in battery mode/rechargeable battery mode	2 min
Hold function	✓
Peak function	✓
360° measurement possible	✓
Statistic function	✓
Limit-setting function	✓
Memory function	✓
Memory - number of results	500
Interfaces	USB-Device

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V 1000 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Rechargeable battery charging time	3 h
Rechargeable battery operating time - backlight on	8 h
Battery / accumulator type	NiMH
Battery connection	Connector pin
Battery voltage	3,6 V
Battery operating time	20 h
Battery operating time - backlight off	20 h

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	295×165×115 mm
Net weight	0,17 kg
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,80 kg
Shipping weight	1,1 kg

Category

Brand	Sauter
Product category	Hardness testing
Product group	Digital Shore hardness tester
Product family	HE

Measuring System

Units	HA
Tolerance (% of [Max])	1%
Test force Hardness measurement	10 N
Hardness scales	Shore A
Leeb Hardness Tester sensor type	A
Test block inclusive	✓
Measuring probe diameter	18 mm
Test object thickness [Min]	6 mm
Readability hardness [d] (Shore)	0,1
Measuring range Shore	100
Sensor placement position	internal

Approval

CE mark	✓
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Display

Display type	LCD
Display screen size	32×21 mm

Construction

Dimension (W×D×H)	153×50×29 mm
Dimension housing (W×D×H)	153×50×29 mm
Dimensions completely mounted (W×D×H)	153×50×29 mm

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Pictograms

STANDARD

