

# SAUTER HEA 100

# KERN

Shore hardness tester with extensive functionality



## Category

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

## Measuring System

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

## 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
Material housing	plastic

## Functions

Function for averaging	✓
Limit-setting function	✓

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

## Interface

Interfaces	USB-Device
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## Power Supply

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

## Approval

CE mark	✓
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## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	295×165×115 mm
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,80 kg
Shipping weight	1,1 kg

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## Pictograms

### STANDARD

