

# KERN HED 100

Shore hardness tester with extensive functionality



## Category

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

## Measuring System

Units	HD
Tolerance (% of [Max])	1%
Test force Hardness measurement	50 N
Hardness scales	Shore D
Leeb Hardness Tester sensor type	D
Measuring probe diameter	18 mm
Test object thickness [Min]	6 mm
Readability hardness [d] (Shore)	0,1
Measuring range Shore	100

## 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
Material housing	plastic

## Functions

Auto-off interval(s) in battery mode/rechargeable battery mode	2 min
Hold function	✓
Peak function	✓
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	Accu & 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	20 h
Rechargeable battery operating time - backlight off	20 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

## Pictograms

### STANDARD

