KERN **HED 100**

Shore hardness tester with extensive functionality

KERN

Category

Brand	Sauter
Product categoriy	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	50 N
Test object thickness [Min]	6 mm
Hardness scales	Shore D
Leeb Hardness Tester sensor type	D
Units	HD
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	✓
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

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	20 h
Rechargeable battery operating time - backlight off	20 h
Rechargeable battery charging time	3 h

Approval

CE mark	✓

Packing & Shipping

Delivery time	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

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Pictograms

STANDARD

PEAK	MEMORY	USB	STATISTIC	TOL	ACCU	230 V	1 DAY