SAUTER **HEA 100**

Shore hardness tester with extensive functionality



Date of creation: 24.10.2026

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

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

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

Interface	
Interfaces	USB-Device

Power Supply	
Supplied power supply	Accu & Power supply
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	5 V 1000 mA
Power socket for mains adapter	Inside plus, outside minus
Battery / accumulator type	NiMH
Battery connection	Connector pin
Battery operating time - backlight off	20 h
Battery operating time	20 h
Battery capacity	400 mAh
Battery voltage	3,6 V
Battery – Number of cells	3
Battery – Individual weight	42 g
Battery – Total weight	126 g
Battery – Construction	Inseparable connection of cells (pack)
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	20 h

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Rechargeable battery charging time	3 h

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	295×165×115 mm
Shipping method	Parcel service
Net weight approx.	0,15 kg
Gross weight approx.	0,80 kg
Shipping weight	1,1 kg
Shipping volume weight	1,1 kg

Product information

GTIN/EAN number	4045761274013
Trade number	90248000
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

