

KERN 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

| | |
|----------------------------------|----------|
| 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 | ✓ |
|---------|---|

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 | ✓ |
| 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 | 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 | 8 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 |

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Pictograms

STANDARD

