

# SAUTER HED 100

Shore hardness tester with extensive functionality

**KERN**



## Category

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

## Measuring System

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

|                        |   |
|------------------------|---|
| 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                    |
| 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                        | 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 |

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|                      |                |
|----------------------|----------------|
| Shipping method      | Parcel service |
| Net weight approx.   | 0,20 kg        |
| Gross weight approx. | 0,80 kg        |
| Shipping weight      | 1,1 kg         |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761274020            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD

