

# Mobile Leeb hardness tester SAUTER HN-D



## „Pen type“ Leeb hardness tester for mobile hardness testing of metals

### Features

- **User-friendly operation:** The compact version enables the product to be used in a significantly wider range of applications compared with traditional devices
- As the device can be operated using one hand only, the user can operate the device more quickly and use it in a more flexible way
- **Modern LCD display:** Optimised for industrial applications: increased luminosity and backlight can be switched on, so that the display can be read from any angle
- **All measurement directions possible (360°)** thanks to an automatic compensation function
- **Internal impact sensor** included (Type D)
- **Measurement value display:** Rockwell (B & C), Vickers (HV), Brinell (HB), Shore (HSD), Leeb (HL)
- **Standard block for calibration** not included

- **Internal data memory** for up to 500 measurements with date and time
- **USB-PC data output:** Easy to install on any PC
- **Delivered in a hard carrying case**

### Technical data

- Accuracy  $\pm 4$  HLD
- Dimensions LxWxH 145x35x25 mm
- Operation by rechargeable battery pack, standard
- Mains adapter external standard
- Net weight approx. 0,07 kg

### Accessories

- **PC software to download stored data,** for statistical evaluation, and transfer to MS Excel, SAUTER AHN-01
- **Attachment rings** for secure positioning, SAUTER AHMR 01
- **Impact body** Type D, net weight approx. 5,5 g, hardness  $\geq 1600$  HV, tungsten carbide, impact ball  $\varnothing 3$  mm, in accordance with the standard ASTM A956-02, SAUTER AHMO D01
- **Test block** Type D / DC, accuracy  $\leq 4$  HL,  $\varnothing 90$  mm ( $\pm 1$  mm), net weight  $< 3$  kg, hardness range  
790  $\pm 40$  HL, SAUTER AHMO D02  
630  $\pm 40$  HL, SAUTER AHMO D03  
530  $\pm 40$  HL, SAUTER AHMO D04
- **ISO calibration certificate** for SAUTER AHMO D02, AHMO D03, AHMO D04, SAUTER 961-132
- **Thermal printer,** wireless infrared connection to SAUTER HN-D, HMM, HMO, SAUTER AHN-02

#### STANDARD



#### OPTION



| Model  | Sensor | Measuring range | Readout   | Option                  |  |
|--------|--------|-----------------|-----------|-------------------------|--|
|        |        |                 |           | ISO Calibr. Certificate |  |
| SAUTER |        | [Max]<br>HL     | [d]<br>HL | ISO<br>KERN             |  |
| HN-D.  | Type D | 0 - 999         | 1         | 961-131                 |  |