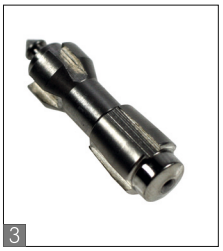
Mobile Leeb hardness tester SAUTER HN-D




1


2


3


4


5

„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
- 1 Delivered in a hard carrying case

Technical data

- Accuracy ± 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
- 2 **Attachment rings** for secure positioning, SAUTER AHMR 01
- 3 **Impact body** Type D, net weight approx. 5,5 g, hardness ≥ 1600 HV, tungsten carbide, impact ball Ø 3 mm, in accordance with the standard ASTM A956-02, SAUTER AHMO D01
- 4 **Test block** Type D / DC, accuracy ≤ 4 HL, Ø 90 mm (± 1 mm), net weight < 3 kg, hardness range
  790 ± 40 HL, SAUTER AHMO D02
  630 ± 40 HL, SAUTER AHMO D03
  530 ± 40 HL, SAUTER AHMO D04
- **ISO calibration certificate** for SAUTER AHMO D02, AHMO D03, AHMO D04, SAUTER 961-132
- 5 **Thermal printer**, wireless infrared connection to SAUTER HN-D, HMM, HMO, SAUTER AHN-02

STANDARD



OPTION



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