Mobile Leeb hardness tester SAUTER HMO





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Advanced features for professional applications

Features

- **Innovative touchscreen**
- **Automatic recognition of the impact (rebound) sensor** connected to the HMO.
- **Mobility:** The SAUTER HMO. provides a professional and resilient measurement solution wherever required, i.e. production, product control etc.
- **All measurement directions possible (360°)** thanks to an automatic compensation function
- 1 **USB interface** for connection to the printer and charging the batteries
- 2 **Wireless IR printer** included for on-site printing of measurement protocols (battery operated)
- 3 **Standard block included**
- 4 Delivered in a hard carrying case
- **Internal memory** up to 800 values
- **Mini statistics function**: Displays the measure value, the average value, the difference between the maximum and minimum values, date and time
- **Measurement value display**: Rockwell (B & C), Vickers (HV), Brinell (HB), Shore (HSD), Leeb (HL), tensile strength (MPa)
- **Automatic unit conversion**: The measuring result is automatically converted into all specified hardness units

Technical data

- Precision: 1 % 800 HLD (± 6 HLD)
- Measuring range tensile strength: 375 - 2639 MPa (steel)
- Min. sample weight on a solid and stable support:
  Sensor D + DC: 3 kg
  Sensor G: 15 kg
- Minimum sample thickness:
  Sensor D + DC: 8 mm
  Sensor G: 10 mm
- Minimum sample radius (concave/convex):
  50 mm (with support ring: 10 mm)
- Dimensions LxWxH 135x83x24 mm
- Operation by rechargeable battery pack, operating time up to 50 h, mains adapter included, AUTO-OFF function to preserve the batteries, charge indicator
- Net weight approx. 228 g

Accessories

- 5 **External impact sensor** Type DC. Short impact sensor for tests in holes or hollowed objects, SAUTER AHMO DC
- 6 **External impact sensor** Type G. High energy sensor: 900 % impact energy compared to type D, SAUTER AHMO G
- **Support rings** for bended testing samples available on request, SAUTER AHMR 01
- **Impact body**, SAUTER AHMO D01

STANDARD



OPTION



Model SAUTER	Sensor	Readout [d] HL		Option **ISO Calibr. Certificate** ISO KERN	
HMO.	Type D	1		961-131	