

Mobile Leeb hardness tester SAUTER HMO



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, € 415,-
- **6 External impact sensor Type G.** High energy sensor: 900 % impact energy compared to type D, SAUTER AHMO G, € 1700,-
- **Support rings** for bended testing samples available on request, SAUTER AHMR 01, € 270,-
- **Impact body,** SAUTER AHMO D01, € 115,-

STANDARD



OPTION



Model	Sensor	Readout	Price excl. of VAT ex works €	Option ISO Calibr. Certificate	
				ISO KERN	€
SAUTER HMO.	Type D	[d] HL 1	1690,-	961-131	120,-