



## Advanced features for demanding applications

### Features

- **1** Impact (rebound) sensor: The bounce module is accelerated by a spring against the item being tested. Depending on how hard the object is, the kinetic energy of the module will be absorbed. The speed reduction will be measured and converted to Leeb hardness values.
- External impact sensor (Type D) included
- Mobility: In comparison with stationary table-top devices and testing devices with an internal sensor, using the SAUTER HMM offers the highest level of mobility and flexibility
- All measurement directions possible (360°) thanks to an automatic compensation function
- **2** Standard block for calibration included (790 ± 40 HL)
- **3** Delivered in a robust carrying case
- Internal memory for up to 9 measured values
- Mini statistics function: displays the measured result, the average value, the impact direction, date and time
- SAUTER HMM-NP: identical product features as the SAUTER HMM model, but comes without the printer

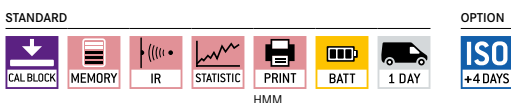
- Measurement value display: Rockwell (B & C), Vickers (HV), Brinell (HB), Shore (HSD), Leeb (HL), tensile strength (MPa)
- Automatic unit conversion: The measuring result is automatically converted into all specified hardness units

### Technical data

- Measuring precision: 1 % at 800 HLD (± 6 HLD)
- Measuring range tensile strength: 375–2639 MPa (steel)
- Minimum sample weight on a solid and stable support: 2 kg with fixed coupling
- Minimum sample material thickness: 3 mm with coupling on fixed base
- Minimum sample radius (concave/convex): 50 mm (with support ring: 10 mm)
- Dimensions W×D×H 80×30×150 mm
- SAUTER HMM: External mains adaptor for printer, as standard
- Ready for use: Batteries included, 3× 1.5 V AAA, block, operating time up to 30 h, AUTO-OFF function to preserve battery life
- Net weight approx. 0,2 kg

### Accessories

- External impact sensor Type D, SAUTER AHMO D, € 340,-
- Connection cable, without impact sensor, SAUTER HMM-A02, € 105,-
- **5** Attachment rings for secure positioning, SAUTER AHMR 01, € 320,-
- **4** Impact body, SAUTER AHMO D01, € 115,-
- Test block Type D/DC, ø 90 mm (± 1 mm), net weight < 3 kg, hardness range 790 ± 40 HL, SAUTER AHMO D02, € 190,-
- 630 ± 40 HL, SAUTER AHMO D03, € 190,-
- 530 ± 40 HL, SAUTER AHMO D04, € 190,-
- Paper roll, 1 piece, SAUTER ATU-US11, € 15,-
- Factory calibration certificates for SAUTER AHMO D02, AHMO D03, AHMO D04, SAUTER 961-132, € 132,-



Model	Sensor	Measuring range	Readout	Price excl. of VAT ex works €	Option Factory calibration certificates	
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SAUTER HMM	Typ D	[Max] HL 170-960	[d] HL 1	1090,-	961-131	132,-
HMM-NP	Typ D	170-960	1	870,-	961-131	132,-