



## Advanced features for professional applications

### Features

- Innovative touchscreen
- Automatic recognition of the impact (rebound) sensor connected to the HMO
- Mobility: In comparison with stationary table-top devices and hardness testing devices with internal sensor, the SAUTER HMO offers the highest level of mobility and flexibility
- All measurement directions possible (360°) by defining the direction of impact on the device
- USB bearing for connection to the printer and charging the batteries
- **1** Standard block for calibration included
- Internal memory up to 500 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), Leeb (HL), tensile strength (MPa)
- Automatic unit conversion: The measuring result is automatically converted into all specified hardness units
- **2** Delivered in a robust carrying case

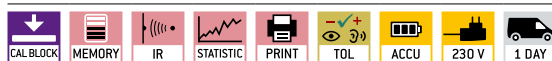
### Technical data

- Measuring precision: 1 % at 800 HLD ( $\pm 6$  HLD)
- Measuring range tensile strength: 375–2639 MPa (steel)
- Minimum sample weight on a solid and stable support:  
Sensor D + DC: 2 kg with fixed coupling  
Minimum sample material thickness:  
Sensor D + DC: 3 mm with coupling on fixed base  
Minimum sample radius (concave/convex): 50 mm (with support ring: 10 mm)
- Dimensions W×D×H 83×24×135 mm
- Rechargeable battery pack internal, operating time up to 50 h
- Mains adapter included
- Net weight approx. 0,23 kg

### Accessories

- Operation by rechargeable battery pack, operating time up to 50 h, SAUTER HMO-A03, **€ 75,-**
- External impact sensor Type D, as standard, can be reordered, SAUTER AHMO D, **€ 340,-**
- **3** External impact sensor Type DC. Short impact sensor for tests in holes or hollowed objects, SAUTER AHMO DC, **€ 490,-**
- **4** External impact sensor Type G. High energy sensor: 900 % impact energy compared to type D, SAUTER AHMO G, **€ 990,-**
- Support rings for bended testing samples available on request, SAUTER AHMR 01, **€ 320,-**
- **5** Impact body, SAUTER AHMO D01, **€ 115,-**
- Connection cable impact sensor, SAUTER HMO-A04, **€ 95,-**
- Test block Type D/DC, 90×50 mm ( $\pm 1$  mm), net weight < 3 kg, hardness range 790  $\pm$  40 HL, SAUTER AHMO D02, **€ 190,-**  
630  $\pm$  40 HL, SAUTER AHMO D03, **€ 190,-**  
530  $\pm$  40 HL, SAUTER AHMO D04, **€ 190,-**
- Paper roll, 1 piece, SAUTER ATU-US11, **€ 15,-**

#### STANDARD



#### OPTION



Model	Sensor	Measuring range	Readout	Price excl. of VAT ex works €	Option Factory calibration certificates	
					KERN	€
SAUTER HMO	Typ D	[Max] HL 170–960	[d] HL 1	1770,-	961-131	132,-