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| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Technical data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <ul style="list-style-type: none"><li>• LCD touchscreen with touch pen</li><li>• Automatic recognition of the impact (rebound) sensor connected to the SAUTER HMO</li><li>• Mobility: In comparison with stationary table-top devices and testing devices with an internal sensor, using the SAUTER HMO offers the highest level of mobility and flexibility</li><li>• All measurement directions possible (360°) by defining the direction of impact on the device</li><li>• USB socket for connection to the printer and charging the batteries</li><li>• 1 Hardness test block for calibration included</li><li>• Internal data memory for up to 500 values</li><li>• Mini statistics function: Displays the measure value, the average value, the difference between the maximum and minimum values, date and time</li><li>• Measurement value display: (B and C), Vickers (HV), Brinell (HB), Leeb (HL), tensile strength (MPa)</li><li>• Automatic unit conversion: The measuring result is automatically converted into all specified hardness units</li><li>• 2 Delivered in a robust carrying case</li></ul> | <ul style="list-style-type: none"><li>• Precision: ± 1 % at 800 HLD (± 6 HLD)</li><li>• Measuring range tensile strength: 375–2639 MPa (steel)</li><li>• Minimum sample weight on a solid and stable support: Sensor D + DC: 2 kg with fixed coupling</li><li>• Minimum sample material thickness: Sensor D + DC: 3 mm with coupling on fixed base</li><li>• Minimum sample radius (concave/convex): 50 mm (with support ring: 10 mm)</li><li>• Internal rechargeable battery pack, operating time up to 50 h without backlight, charging time approx. 8 h, standard</li><li>• Mains adapter included</li><li>• Overall dimensions W×D×H 24×83×135 mm</li><li>• Net weight approx. 4,6 kg</li></ul> |

| STANDARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |           |                 |   |           |         | OPTION                                                                              |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-----------------|---|-----------|---------|-------------------------------------------------------------------------------------|--|--|--|--|--|
|        <br>1 DAY |        |           |                 |   |           |         |  |  |  |  |  |  |
| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sensor |           | Measuring range |   | Readout   |         | Option                                                                              |  |  |  |  |  |
| SAUTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HMO    |           | HL              |   | [d]<br>HL |         | Factory calibration certificate                                                     |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |           |                 |   | KERN      |         |                                                                                     |  |  |  |  |  |
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