



neolab Migge GmbH
Rischerstr. 7-9
69123 Heidelberg
Deutschland
+49 (0)6221 /
8442-44
<https://www.neolab.de>
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Umsatzsteuer-
Identifikationsnummer
:
DE 143 450 657



KERN UCI Hardness Tester Max , , d= HB,HL,HRB,HRC,HV,MPa: for HV 5

€5,520.00
plus VAT &
Shipping

Product Images



Description

- **Application:** This ultrasonic hardness tester is ideally suited for mobile hardness testing where great importance is attached to fast and precise results
- The SAUTER HO measures by means of a vibrating rod which oscillates at ultrasonic frequency and is pressed onto the specimen with a defined test force. A Vickers indenter is located at the lower end. Its resonant frequency increases as soon as it is brought into contact with the specimen during indentation generation. The resulting resonant frequency shift is assigned to the corresponding Vickers hardness by appropriate instrument adjustment
- Examples: The HO ultrasonic hardness testing system is used primarily for measuring small forgings, castings, spot welds, stampings, casting tools, ball bearings, and flanks of gears, as well as for measurement after heat or heat influence
- Advantages over Rockwell and Brinell: More non-destructive testing due to smaller test force and thus only microscopic indentation craters
- Advantages over Vickers: The demanding optical measurement is no longer necessary. This means that measurements can be made directly on site, e.g. on a fixed workpiece
- Advantages over **Leeb**: The high requirement for the test object's own weight is largely eliminated
- **Standards:** The device complies with these technical standards: DIN 50159-1-2008: ASTM-A1038-2005: JB/T9377-2013
- Measured data memory saves up to 1000 measured value groups of 20 individual values each
- Mini statistics function: display of the measurement result, the number of measurements, the maximum and minimum value, as well as the average value and the standard deviation
- The instrument can be set to standardized hardness reference plates as well as to up to 20 reference calibration values. This makes it possible to measure different materials quickly without having to readjust the instrument to the individual materials
- **Scope of delivery:** display unit, UCI sensor unit, carrying case, software for transferring the stored data to the PC, accessories

Additional Information

No.	KP-4411
Manufacturer (Brand)	KERN
EAN	4058072140335
Transport temperature	Room temperature
Manufacturer	CORE

