



Leeb hardness testers, mobile, HMM

Kern & Sohn

Leeb hardness testers, mobile, HMM

Advanced features for demanding applications.

-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

-Automatic recognition of the impact (rebound) sensor connected to the HMM

-Mobility: In comparison with stationary table-top devices and testing devices with an internal sensor, using the HMM offers the highest level of mobility and flexibility

-All measurement directions possible (360°) thanks to an automatic compensation function

-Standard block for calibration included (approx. 790 ± 40 HL)

-Internal memory for up to 9 data groups, with up to 9 values per group forming the average value of the group

-Mini statistics function: displays the measured result, the average value, the impact direction, 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

-Delivered in a hard carrying case

-Option: Wireless IR printer included for on-site printing of measurement protocols (battery operated)

Specifications

Measuring range: 170 to 960 HL

Readability: 1 HL

Precision: 1 % at 800 HLD (± 6 HLD)

Measuring range tensile strength (steel): 375 to 2639 MPa

Min. sample weight on a solid and stable support: 3 kg

Minimum sample thickness: 8 mm

Minimum sample radius (concave/convex): 50 mm (with support)



ring: 10 mm)

Dimensions (W x D x H): 80 x 30 x 150 mm

Net weight: approx. 200 g

Power supply: Power adapter, external or 3 x 1.5 V AAA batteries

Code	Description	Packaging
LLG06270976	Leeb hardness testers, mobile, HMM, Type Leeb hardness testers HMM	1 pz.





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