



The dynaTESTOR M495 is the latest development in portable UCI testing that is suitable for hardness testing on coated and/or very large structures made of fine-grained metals, plastics, and ceramics. It offers a direct reading in Vickers HV, and conversion in HRC, HRB, HB, and UTS. This quick and easy-to-use hardness tester complies to the ASTM A 1038 and DIN 50159 UCI standards. The M495 features a large memory, statistics, and a built-in USB and Ethernet port for easy data transfer.



### Applications

- Sheet metal coils
- Large steel constructions
- On-site testing in the field
- In-line testing
- Any metal, ceramics, and plastics



# dynaTESTOR M495

Portable UCI Vickers Hardness Tester

## Technical Specifications

Model Number

dynaTESTOR M495

Measuring Principle	According to the UCI method DIN 50159 and ASTM A1038
Indenter	Vickers diamond (angle 136°)
Test Load Probes* (N)	10, 20, 30, 49, 98 (selectable)
Measuring Range	Vickers HV 10 - 3000 (direct) Rockwell HRC 20 - 68 (conversion) Rockwell HRB 41 - 99.5 (conversion) Brinell HB 76 - 447 (conversion) UTS N/mm <sup>2</sup> 255 - 2180 (conversion)
Reproducibility	Vickers HV ±1% Rockwell HRC ± 0.5; HRB ± 1.2 Brinell HB ± 1%
Applicable Test Materials	Primarily (fine-grained) metals, plastics, and ceramics may be tested using a calibration block
Display	320 × 240 / 262144 colors, backlit
Calibration	Memory for 100 material calibrations, grouped in folders
Memory	32 MB for measurement values, calibrations, reports, and pictures.
Interface	USB-Host, USB-Device, RS232, 10/100 MBit Ethernet
Operating Time	5 - 8 hours on standard batteries
Operating Temperature	0 - 50°C (32 - 86°F)
Dimensions	78 mm (3.1 in) × 198 mm (7.8 in) × 160 mm (6.3 in)
Weight	1.4 kg (3.1 lbs)



### Certified Test Blocks

Reicherter Wolpert™ offers a wide range of reference blocks. All certified reference blocks will be issued with a certificate traceable to internationally recognized standards, such as UKAS, DKD, or ASTM.



### Accessories

- Flat anvil for accurate testing
- Small and Large V-anvil
- SL-probe for narrow spaces
- Stand for high precision and small parts testing

\* Ask our customer support for selection of the correct test load probe for your specific application



The M495 offers USB-Host, USB-Device, RS232 and 10/100 MB Ethernet connections



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