



UCI HARDNESS TESTER LAB UCI PRO

Scan to view
demo protocolERGONOMIC
DESIGNBRIGHT
CONTRAST DISPLAYMEASUREMENTS
WITHOUT SMARTPHONENEW HIGH PRECISION
MEASUREMENT TECHNOLOGY

Compared to the previous device version, the repeatability of results is significantly improved, with reduced influence from the operator and measurement technique.

There is no need to hold the probe with the applied main load; special technology allows to fix the frequency at the right moment, regardless of the user.



The contrast display allows users to do measurements not only in NOVOTEST Lab, but also without a smartphone. This makes hardness testing quick and easy. The ergonomic design ensures a comfortable grip, preventing slipping, and is suitable for both right- and left-handed users.

SPECIFICATIONS

UCI probe loads	1kg (10N), 5kg (50N), 10kg (98N)
Measurement range	HV 10 – 1999 (9999), HB 76 – 618, HRB 41 – 105, HRC 20,3 – 68, HRE 70 – 108.5, HRF 82.6 – 115.1, HRA 60.7 – 85.6, HRD 40.3 – 76.9, HR45N 19.9 – 75.4, Knoop HK 87 – 920, Shore HS 34.2 – 97.3, Tensile strength MPa 255 – 2180
Measurement error	<4% (HV5, HV 10)
Scales	HV, HB, HRB, HRC, HRE, HRF, HRA, HRD, HR45N, Knoop, Shore, Tensile strength MPa
Materials	Pre-calibrated for Non-Austenitic Steels, Nickel, Brass, Stainless Steel, Copper, Alloyed White Irons, Aluminum
Measuring direction	Any direction 360°
Data storage	NOVOTEST Lab App – limited only by the memory of the Android gadgets Cloud storage – limited only by the memory of the Cloud storage
Data transfer	Wireless connection with Android smartphones, tablets, etc.: - NOVOTEST Lab App PC: - Web interface – NOVOTEST.INFO
Languages	English, Ukrainian, Russian, Spanish *additional languages available by request.
Power supply / Charging	Built-in battery / USB 5V
Batteries life	10 h
Operating environment	Temperature: -30°C ~ 60°C, Humidity: <95% R.H. at 35°C
Dimensions and weight of tester	160x40 mm / 0.18 kg