

UCI HARDNESS TESTERS

UCI HARDNESS TESTER LAB UCI



Scan to view
device protocol

ULTRAPORTABLE

HIGH AUTONOMY

CALIBRATION FOR ANY METALS

SPECIAL MULTIFUNCTIONAL NOZZLE

Wireless hardness tester NOVOTEST Lab UCI implements the ultrasonic contact impedance method.

Connect the device to the NOVOTEST Lab application to transform it into a versatile tool with unmatched functionality.



Create graphs, histograms, and statistics effortlessly. Save measurements with comprehensive protocols including text, audio, photos, and videos. Easily transfer test reports with a single click via your preferred messenger or email, and synchronize your archives with cloud storage.

SPECIFICATIONS

UCI probe loads	1 kg (10N), 5 kg (50N), 10 kg (98N)
Measurement range	Vickers HV: 240–940, Rockwell HRC: 20–70, Brinell HB: 90–650 Tensile strength, MPa 370–1740 Measurement ranges can be expanded by the user (for example: 1 – 2000HV)
Measurement accuracy	±15HV, ±2HRC, ±10HB
Scales	HRC, HB, HV, HRA, HRB, MPa
Materials	Pre-calibrated for steel, brass, aluminum Additional custom scales and materials for calibration
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 *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	160x26 mm (36 mm with nozzle) / 0.165 kg