

Celestis NOVA Ultra - Ultrasonic (UCI) Hardness Tester

TECHNICAL SPECIFICATIONS

Measurement procedure	UCI 50N (10N is optional)
Hardness scales	HRC, HRB, HV, HB, HL, MPa
Measurement ranges	HV: 230~940; HRC: 20~70; HB: 25~650; MPa: 370~1740
Accuracy	±3%HV; ±2%HRC; ±3%HB
Measurement direction	360° (upside down)
Data memory	depends on the size of memory card inserted
Data output	USB output, optional data processing software
Display	colourful, back-lit display
Power	3x AA battery/accumulator (5-8 hours of uptime)
Overall dimensions	160x75x30 mm
Weight	0,3 kg (without probe)



ATTRIBUTES

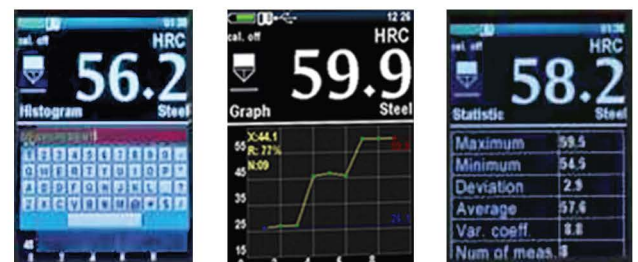
- Large, *graphical display*
- 88 material/hardness scale combination*
- Displaying tables, histograms and charts* including SMART mode (filtering wrong results)
- Mean, deviation and other *statistical analytic tools*
- Measurement in any direction* (even upside down!)
- Directly displayable hardness scales: *Rockwell (HRC, HRB), Vickers (HV), Brinell (HB), Leeb (HLD)*
- Data memory*
- Built-in camera* for documentation purposes
- Battery status display*
- Software calibration
- USB 2.0 output és optional PC-software* for data collecting and processing
- Automatic shutdown for battery life management*
- Models: NOVA Ultra - Ultrasonic hardness tester*
- NOVA Multi- Leeb/Ultrasonic hardness tester*

! The Ultrasonic Contact Impedance – UCI based procedure is suitable for testing small sized and weighted, thick-walled, complex-shaped and case-hardened specimens. Strongly recommended for steel, but can be calibrated for other metals.



ACCESSORIES

- UCI hardness tester device - 1 pc.
- UCI probe (50N) - 1 pc.
- Adapter cable - 1 pc.
- Carrying case
- User's Manual



Test result tagging

Variable statistical analytic options (charts, histograms, graphs etc.)