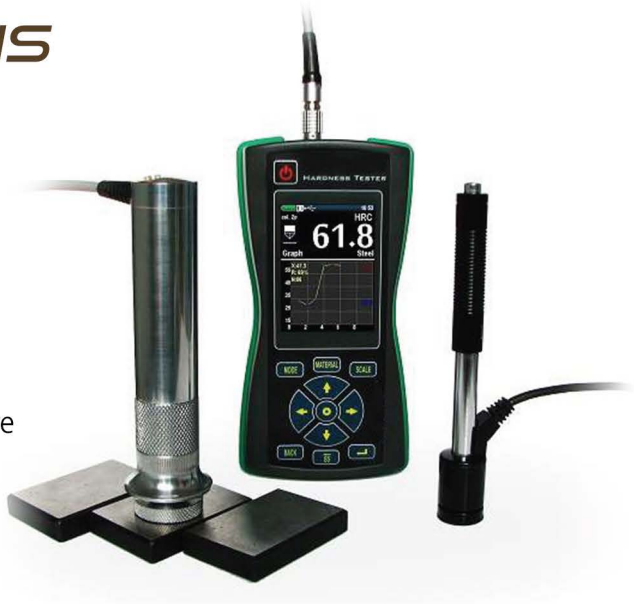
# NOVA - MULTI

CELESTIS

*Celestis NOVA Multi - Ultrasonic (UCI) Hardness Tester*

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Measurement procedure** | UCI 50N (10N is optional) and Leeb 'D' |
| **Hardness scales** | HRC, HRB, HV, HB, HL, MPa |
| **Measurement ranges** | HV: 230~940; HRC: 20~70;<br>HB: 90~650; MPa: 370~1740 |
| **Accuracy** | ±3%HV; ±2%HRC; ±3%HB |
| **Measurement direction** | 360° (even upside down!) |
| **Data memory** | depends on the size of inserted memory card |
| **Data output** | USB output, optional data processing software |
| **Display** | colourful, back-lit display |
| **Power** | 3x AA battery/accumulator<br>(5-8 hours of uptime) |
| **Overall dimensions** | 160x75x30 mm |
| **Weight** | 0,3 kg (without probe) |




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

## 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***
*The device* ***functions with UCI and Leeb probe*** *as well – maybe it is the most versatile hardness tester*
***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*



*Test result tagging*



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

## ACCESSORIES

Leeb/UCI hardness tester device - 1 pc.
D type probe - 1 pc.
UCI probe (50N) - 1 pc.
Carrying case
User's Manual