ULTRASONIC HARDNESS TESTER

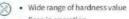
Designed for rapid non-destructive testing of hardness:

- 1. metals and alloys on standardized international scales of hardness: Rockwell (HRC), Brinell (HB), Vickers (HV);
- 2. metals with distinctions in properties of steel (e.g., non-ferrous metals, alloys of iron and others) and using five additional scales for calibration;
- 3. use of the scale of tensile strength (Rm) for determining the tensile strength of carbon steel products pearlific by automatically converting from the scale of hardness Brinell (HB).





- UCI probe
- · Testing of products with thickness over 1mm



- Ease in operation
 - Minimum number of imprints
 - · Automatic recognition of probe
 - Graphical display with backlight
 - Control of the batteries
 - . New, intuitive menu with tips on the buttons
 - Extended temperature range (cold-resistant, down to -20 °C)
 - . Internal memory and connection with PC
 - Rubber protective housing-case

Code	1804-5005	
UCI probe types	1kgf (10N) 2.2 lbf, 5kgf (50N) 11lbf	
Indenter	UCI (diamond Indenter)	
Measuring direction	Any direction 360°	
Measurement hardness range	- Rockwell, HRC	20 - 70
	-Brinell, HB	90 - 450
	-Vickers, HV	230-940
	- temporary resistance (tensile strength)Mpa 370 - 1740	
Accuracy	HV+/-3%;	
	HRC+ / - 1,5%;	
	HB+/-3%	
Hardness scale	HRC, HB, HV, MPa	
Materials	- UCI probe - pre-calibrated for steel.	
	- Additional custom materials for calibration.	
Operating temperature	-20 to +50 ° C	
Dimension	120x60x25mm	
Weight	Weight of electronic unit with batteries, no more than 0.2kg	
Power supply	2 AA batteries	

