

MMH-102 Portable Metal hardness tester



Overview:

MMH-102 is a special instrument developed for metal hardness testing without common limitation of other devices. This meter offers new abilities by using of Electromagnetic Shooting System and Infrared Velocity Measurement System.

The main features of the device are:

- Direct monitoring of hardness scales HL, HRB, HRC, HV, HB, HS
- Wide measuring range
- Upper/Lower limits setting
- Calibration capability
- Automatic detecting direction without common errors
- On Board Memory holds 3000 groups of data
- Direct connect to PC with USB 2.0
- Time and date setting Auto clock

Unique Features:

- Full automatic
- High strength and stability
- Hardness testing of all metallic materials with different profile shape
- Capability to be disassembled to test internal surface of cylindrical and other shapes
- Excellent for material selection, acceptance and quality control tests
- Handy for difficult to access or confined test locations, also curved sample surfaces
- Determination of the hardness of pre-assembled machines or large steel and cast constructions
- Long life rigid indenter



Parameter	Values	
Measuring range	200-900 HL, 80-940 HV, 25-647 HB, 20-67 HRC, 41-100 HRB, 30-100 HS	
Accuracy (typical)	±4HLD (0.5% At 800HLD)	
Resolution	1 HL, 1 HB, 1 HV, 0.1 HRC, 0.1 HRB, 0.1 HAS	
Repeatability	4 HL (at 800 HL)	
Response time	Less than 1 sec	
Reloading impact device	Full automatic (No need to spring loading)	
Continuous working time	About 100 hours	
Power supply	Rechargeable Li-Poly Battery	
Impact bodies (optional)	Normal impact (2.5gr)	Small impact (1gr)
Min. work piece weight	200gr	120gr
Min. work piece Thickness	16 mm	6 mm
Min thickness of sample with coupling	0.8 mm	0.4 mm