MWT-3100
Leeb Hardness Tester Datasheet

Digital Hardness Tester

Features

- Full-format display with all hardness standards displayed simultaneously
- Leeb hardness shock wave display for additional diagnostics
- Compact & portable
- Suitable for harsh operating environments
- Anti-vibration, impact and electromagnetic interference
- High-performance ARM processor & digital signal processing for fast accurate readings
- Power supply: 2 AA alkaline batteries
- Automatic shutdown and other power-saving functions
- Supplied in case, with sample for test and calibration



Leeb Hardness Tester Specification

Measurement Range	170~960HLD
Error	The indication error is less than ±6HLD (when HLD=760±30); the repeatability error is less than 6 Error HLD (when HLD=760±30)
Measurement Direction	Support 360 degrees (vertical down, oblique down, horizontal, oblique up, vertical up)
Screen Display	Color screen LCD display with adjustable brightness
Test Materials	Steel and cast steel, alloy tool steel, grey cast iron, ductile iron, cast aluminum alloy, copper zinc alloy (brass), copper tin alloy (bronze), pure copper
Power Supply	3V (2 AA size alkaline batteries in series)
Data Storage	100 groups
Size (mm)	152 x 77 x 36
Weight (g)	330 (Hardness gauge) 3880 (as supplied with sample inc case)