

TIME5300 Portable Hardness Tester



(170-960)HLD
HLD,HS,HB,HRB,HRC,HV
Diameter for printer paper(40mm)

Product Introduction

Based on the testing principle of Leeb hardness, TIME5300 portable hardness tester can test the hardness of various metal materials fast and conveniently. It can be used to test the hardness of steel, cast steel, alloyed steel, stainless steel, gray cast iron, nodular cast iron, cast aluminum alloy, copper zinc alloy (brass), copper tin alloy (bronze), pure copper, forging steel and so on. The pure English display menu makes it easy to operate. It also has the advantage of long stand-by time due to the internally-stalled NiMH rechargeable battery. It is suitable for testing those workpieces that have large volume or hard to move. It is especially for the work site and field working.

Features

- Direct conversion of HL,HRB,HRC,HB,HV,HS; Conversion to tensile strength
- Direct display showing all functions and parameters
- With high accuracy and wide measurement for all metallic material
- Seven different kinds of impact device are available, distinguish automatically, no need calibration
- Inputting date, mark
- Software calibration
- Power charger and battery low indication
- Any test value can be printed directly
- Automatically switch off
- Easy to change rechargeable battery

Technical Specifications

Measuring range	(170-960)HLD (17.9-69.5)HRC
Hardness scale	HLD,HS,HB,HRB,HRC,HV
Measuring direction	360°
Tolerance	±6HLD(when HLD=760)
Repeatability	6HLD(when HLD=760)
Diameter for printer paper	40mm
Width for printer paper	44.5±0.5mm
Power	12V/600mA
Charging time	2-3.5 hour
Humidity	≤90%
Operating temperature	0°C-40°C
Weight	0.615kg
Overall dimensions	235×90×47mm
Max.Workpiece Hardness	Refer to "Technical specification of impact devices" below
Min.Radius of Workpiece (convex/concave)	
Min. Workpiece weight	
Min.Workpiece thickness	
Min.thickness of hardened layers	
Measuring range	Refer to Refer to "wide measuring range of TIME hardness testers" and "testing accuracy and repeatability" below
Accuracy	

Standard Delivery

Main unit
 Printing paper
 Impact Device type D
 Leeb hardness test block
 Small support ring
 Nylon brush
 Charger
 TIME certificate
 Warranty card
 Instruction manual

Optional Accessory

Printing paper
 Special impact device
 Support rings