

Portable Leeb Hardness Tester TIME®5300 (TH110)



Application:

TIME®5300 (TH110) is a basic and economical portable hardness tester, which provides high accuracy and simplicity for operation for a wide measuring range. It is suitable for testing the hardness of all metallic materials, and is widely applied in many industries such as petroleum, chemistry, machinery and electric power industries, etc.

Features:

- Simple menu, easy and convenient to use
- Conversion of common hardness scales (HL, HV, HB, HRC, HRB, and HS) & Conversion of Tensile Strength
- Screen display showing all the important values and information (including values, mean value(MEAN), numbers of measuring(NO.), date, impact direction, materials tested, hardness values and so on)
- 7 types of Optional Impact Devices, with auto recognition, universal standard D type included
- High accuracy and wide range options for testing(: including Steel and Cast steel, Forged Steel, Cold Work Tool Steel, Stainless Steel, Gray Cast Iron, Nodular Cast Iron, Cast Aluminum Alloys, Brass (Copper-zinc alloys), Bronze (copper-aluminum/copper-tin alloys), Wrought Copper Alloys)
- Measuring Direction:Any direction 360°even with probe pointing up

- Indication for charge and easy change for rechargeable battery
- Printer included and test values can be printed directly
- Software calibration
- Auto power off

Specification:

Measuring range	(170-960)HLD (17.9-69.5)HRC Base on Diiferent probe
Hardness scale	HL, HB, HRB, HRC, HV, HS
Measuring direction	360°
Tolerance	±6HLD(when HLD=760±30) Base on Diiferent probe
Repeatability	6HLD(when HLD=760±30)
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℃~40℃
Dimensions (mm)	235×90×47
Weight (g)	615

Packing List

Standard Delivery	Qty	Optional Accessory
Main unit	1	Special impact devices
Impact device type D	1	Support rings

Test block HLD	1	
Small support ring	1	
Cleaning brush	1	
Charger	1	
Printing paper	1	
TIME certificate	1	
Instruction manual	1	