

TIME5120 Portable Hardness Tester



Measuring range(170~960HLD)
Accuracy(6HLD)
Memory(Current value)

Product Introduction

Based on the testing principle of Leeb hardness, TIME5120 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

Integrated D impact device, with no cables

Wide measuring range in HLD and direct display of converted hardness values in HB,HRB,HRC,HRA,HV,HS

Test at any angle

Software calibration and battery indicator

Compact device ,Simple handing and low test expenditure

Technical Specification

Standard impact device	D integrated
Hardness scales	HLD, HB, HRC, HRA, HRB,HV, HS
Measuring range	170~960HLD
Accuracy	6HLD
Memory	
Min. surface roughness of work pieces	1.6 (Ra)
Max. work pieces hardness	960HLD
Min. radius of work pieces	Rmin=50mm(with support ring Rmin=10mm)
Min. work pieces thickness coupled	5mm
Min. thickness of hardened layers	0.8mm
Charging time	2h~3h
Continuous working time	8h
Power supply	Rechargeable Li battery 3.7V
Operating temperature	0~40°C
Dimension	145mm×35mm×30mm
Weight	130g

Standard Delivery

Main unit

Hardness block G type

Mini USB cable

Support ring

Charger

Nylon brush

Instruction manual

TIME certificate