

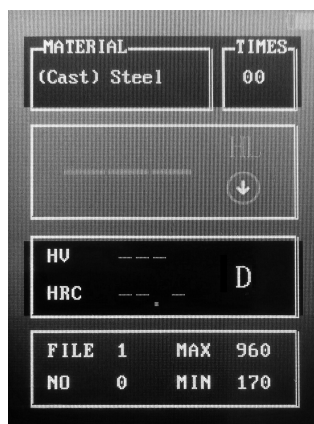


Leeb Hardness Tester

---Lpad H300

Lpad H300: Fully functional superior performance

Lpad H300 Digital Hardness Tester based Leeb hardness measuring principle, can quickly and easily measure a variety of metal materials, hardness measurement values are displayed simultaneously, you can freely switch between different hardness standard, TFT high definition display screen, Finger touch keyboard, simple menu-driven operation and powerful, The WIFI transmission USB flash disk is stored the integrated, which is convenient for storing data It is a necessary instrument for nondestructive testing.



Display Interface



Impact device type

FUNCTION

- **Leeb hardness measurement**
Based Leeb hardness measuring principle, can detect a variety of metal materials.
- **Supports a variety of standard hardness**
Real-time display and conversion: Brinell, HB, Rockwell HRC, Vickers HV, Shaw HS, and three kinds of intensity values.
- **Data storage via WiFi and U disk**
- **Large capacity data storage**
Unprecedented mass storage, leading technology trends. Hardness measurements can save 600 groups of data, each data includes average, impact direction, number, material, hardness, and other information.
- **Support "forged steel (Steel)" material**
When using the D / DC type impact test "forged" sample when HB values can be read directly, without manual look-up table.

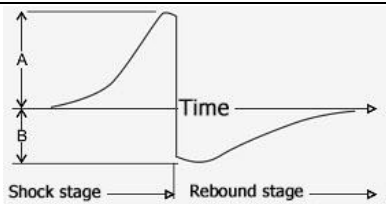
FEATURE

- **Accurately measured value**
Precision measurement circuit to ensure Indication error $\pm 0.5\%$ (HLD = 800), showing the value of repeatability 0.8%.
- **Long Standby: 200 hours, to get rid of frequent replace the battery trouble**



NDT expert

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Leeb Hardness Measuring Principle

OPERATION

■ Variety of data displayed simultaneously

The interface can be displayed simultaneously refined three measurement data, while the data group number, data number, the lower threshold value at a glance.

■ Finger touch screen, operate easily

■ TFT colorful screen, high definition

Specification

Testing direction
Highly accurate in any impact direction (360 degree)
Testing Range
(170-960)HLD, (17.9-69.5)HRC, (19-683)HB, (80-1042)HV, (30.6-102.6)HS, (59.1-88)HRA, (13.5-101.7)HRB
Hardness Standards
HL, HV, HRA, HRC, HRB, HB, HV, HS
Accuracy
HLD: $\pm 0.5\%$ (800HLD)
Repeatability Value
HLD: 0.8% (800HLD)
Resolution
TFT screen with EL backlight and finger touch keyboard/pad
Data Storage
Data Group standard 140/ support custom
USB storage

Save data via USB connection, no use cable/printer
WiFi translate data
Long-distance translate data immediately, read out data by mobile client-side
Data browser
YES
Language
Chinese/English/support custom
Power Supply
1.5V AA dry battery 2
Low Power Display
YES
Working Conditions
Operating temperature: 10-50 c; Storage temperature: -30 °C -60 °C; Humidity: 90% max;
Standard Equipped:
The instrument host 1
The nylon brush 1
Small bearing rings 1
The ABS instrument 1
Applicable Materials

Steel and cast steel, alloy tool steel, stainless steel, gray cast iron, nodular cast iron, cast aluminum alloy, copper zinc alloys (brass), an alloy of copper and tin, copper(bronze) All materials thickness shall not below 5mm
Application
Bearings and other parts; Failure analysis of pressure vessel, steam turbine generator group and equipment; Heavy workpieces; Mechanical or permanent assembly installed; The test space is very narrow; The original record of formal requirements on test results;

.. Our optional configuration

No.	Name	Quantity	Remarks
1	Shaped impact device	7	
2	Shaped support ring	12	
3	Shock Ball	2	
4	Nylon brush B	1	G type impact device use
5	Replace the impact of the ball head tool	1	
6	WIFI output software	1	



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.. Common material hardness values

Materials	HL	HRA	HRB	HRC	HB	HV	HS
Steel and cast steel	300-900	59.1-85.8	59.6-99.6	17.9-68.5	127-651	83-976	32.2-99.5
Forged	300-900				143-650		
Alloy tool steel	300-840			20.4-67.1		80-898	
Stainless steel	300-800		46.5-101.7		85-655	85-802	
Grey cast iron	360-650				93-334		
Ductile	400-660				131-387		
Cast aluminum alloy	174-560		23.8-84.6		19-164		
Copper-zinc alloys (brass)	200-550		13.5-95.3		40-173		
Copper-tin alloy (bronze)	300-700				60-290		
Copper	200-690				45-315		