

LPAD Series Hardness Tester

- ⊙ Smallest dimension, easy to take it
- ⊙ High accuracy $\pm 0.5\%$
- ⊙ USB connection for data storage
- ⊙ Wifi output function
- ⊙ Finger touch screen



■ LPAD Series Technical Specification

Feature	Lpad H110	Lpad H120	Lpad H200	Lpad H210	Lpad H300
Color display	√	√	×	√	√
USB storage	×	×	√	√	√
Wifi Function	×	×	×	×	√
Finger Touch	×	×	×	×	√
Power Supply	Rechargeable lithium battery	Rechargeable lithium battery	battery	battery	battery

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:±0.5% (800HLD)
Repeatability Value	HLD:0.8% (800HLD)
Data browser	YES
Language	Chinese/English/support custom
Working Conditions	Operating temperature: 10-50 c; Storage temperature: -30 °C -60 °C; Humidity: 90% max;
Data Storage	Data Group standard 140/ support custom

■ Standard Equipped

Number	Name	Quantity
1	The instrument host	1
2	The nylon brush	1
3	Small bearing rings (H110、H120)	1
4	The ABS instrument	1
5	Operating manual	1
6	Quality Card/Test Report	1

Optional configuration

Number	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	



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		