

**Built-in Printer Portable Leeb Hardness Tester with RS232 and Save 500 Results
iLeeb-300**



Features:

- Large memory for 100 groups test results;
- Statistical data and upper-lower limit setting;
- Prints all test results and histogram;
- RS-232 interface (to hyperterminal or data view software);
- Time and date setting; auto-clock;
- Back-light LCD;
- Direct display of hardness scales HRB, HRC, HV, HB, HS, HL;
- Conversion to tensile strength ob (U.T.S.);
- For all metallic materials;
- Impact device provides testing at any angle, even upside down Integral thermal printer;
- High accuracy $\pm 6\text{HLD}$ and conforms to ASTM A 956;
- Six impact devices are available for special applications.

Specifications:

Product Name	Portable Leeb Hardness Tester
Model	iLeeb-300
Hardness Scale	HL,HRC ,HRB, HRA, HV,HB,HS
Measuring Range	(170-960)HLD,(17-68.5)HRC,(19-651)HB,(80-976)HV,(30-100
Measuring Direction	0~360°
Indicating Error	HLD: ± 5 ; HRC: ± 1 ; HB: ± 4
Memory	500 Groups test maximum
Printer	Built-in Printer
Shell Material	Plastic
Statistics	Average value, min-max ,upper-lower limits
Data-Output	RS-232
Impact Device	D (standard)
Optional impact Devices	DC/D+15/DL/G/C/E
Work piece radius (convex/concave)	Rmin=50mm(with support ring Rmin=10mm)
Min. Workpiece weight	2~5kg on stable support 0.05~2kg with compact coupling
Workpiece min. thickness couple	5mm,expect with impact device G:10mm,C:1mm
Workpiece min. case hardened depth	0.08mm except C impact device 0.2mm and impact device
Dimension	212mm×72mm×30mm
Power Supply	AA6V,500mm(A1.8AV),A2.5~4hours
Operating Temperature	0 °C to 40 °C
Weight	280g (Excluding impact device and printer)

Standard Delivery:

Instrument Main Body	RS-232 Data cable
Impact device type D	Certificate
Hardness Block(750-830)HLD	Charger
Mini-printer	Accessories Box
Cleaning brush	Instrument Manual

Optional Accessories:

Hardness Block(460-540)HLD	Printing Paper
Optional Impact device	Software Data Pro
Optional Support Ring	Test Block HLG

Measuring Range / Materials:

Material	HLD	HRB	HRC	HB	HV	HSD
Steel and cast steel	300-900	38-100	20-68	81-654	81-955	32-100
Cold work tool steel	300-840	—	20-67	—	80-898	—
Stainless steel	300-800	46-101	—	85-655	85-802	—
Grey cast iron	360-650	—	—	93-334	—	—
Nodular cast iron	400-660	—	—	131-387	—	—
Cast aluminum alloys	170-570	23-84	—	19-164	—	—
Brass	200-550	13-95	—	40-173	—	—
Bronze	300-700	—	—	60-29	—	—
Copper	200-690	—	—	45-315	—	—