

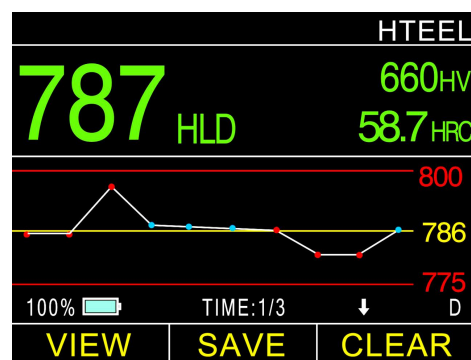
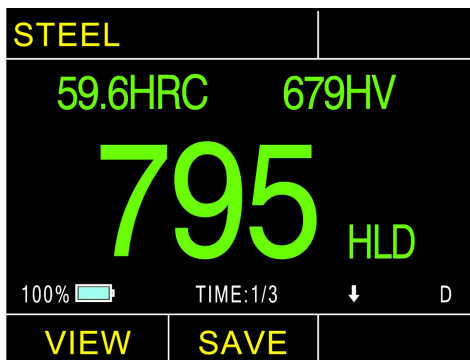
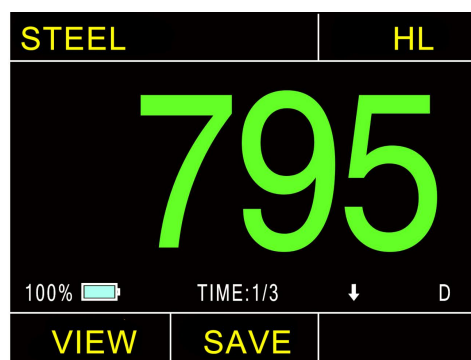


LM500

Leeb Hardness Tester

LM500 Technical Specifications

Multiple View Options



Bold Font Display Interface

Large font display interface, impact value in large font display. which are legible and striking.

Multi-standard Display Interface Much Convenient for Users

Multi-standard interface display impact values of three different hardness standard simultaneously meet requirements of multi-standard without conversion.

Intuitive Display Curve Interface

Curve interface display the latest ten times impact values, get a better observation to the uniformity of the test piece.

Mass Storage Load Interface More Simple and Clear

Stores up to 11000 groups impact values each group contains 1~8 impact values and average value .the average value displays with three different hardness standard simultaneously and also displays the maximal error, maximum value&the minimum value of the current group,which facilitate users to analyze the test results.

F001-01				STEEL	
781 _{HLD}				654 _{HV}	58.0 _{HRC}
Statistics	n	HLD	n	HLD	
MAX:784	1:	782	5:	782	
MIN:780	2:	781	6:	780	
R:4	3:	780	7:	784	
N:8	4:	781	8:	784	
DEL-FILE	DELETE	RETURN			

Technical Parameter

Display	2.4 inch IPS with resolution 320×240 pixels
Measuring Method	Leeb Hardness Method
Hardness Scale	HL, HB, HRB, HRC, HV, HS. σb.
Measuring Range	HLD (200-960) HRC (19.8-68.5) HB (30-651) HV (80-976) HS (26.4-99.5) HRB (13.5-100) σb.(375-2639)
Impact Device	Standard D type impact device , optional C/G/DC/DL/D+15
Accuracy	±6HLD (HLD=800), Repeatability < 6HLD (HLD=800)
Measuring Direction	Vertically Downwards, Downward Sloping, Horizontal, Upwardly Sloping, Vertically Upwards
Material	Steel& Cast Steel, Stainless Steel, GC IRON, NC IRON, Cast Aluminum alloy, Copper-zinc alloy, Copper-tin alloy, Brass,Alloy Tool Steel,Forged Steel
Resolution	1HL, 1HV, 1HB, 0.1HRB, 0.1HRC, 0.1HS
Language	English , Chinese, French , Japanese , Italian
Data Memory	200 files, 11000 groups (each group contains 1-8 hardness values and 1 mean value)
communication	USB port (standard)
Software	Standard LmView software, the measurement data can be managed, archived and printed
Power	Two 1.5V AA batteries
Temperature	-10℃ to +50℃
Size	153*76*37mm(H*W*D)
Weight	242g include batteries
Standard	GB/T 17394-1998, ASTM A956