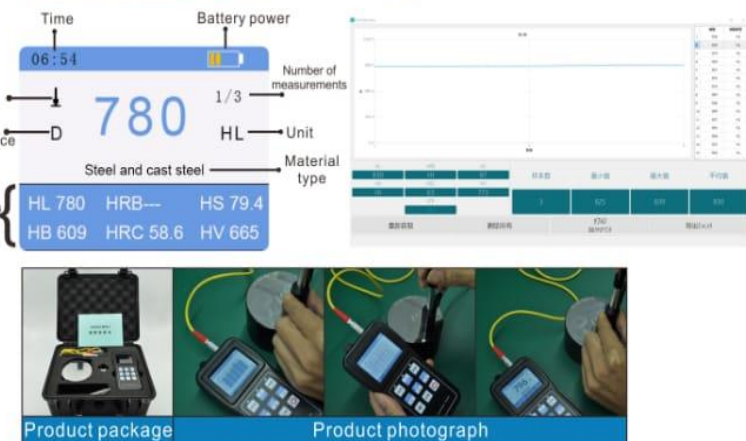


Color Screen Leeb Hardness Tester



Function interface

Cloud platform terminal software



Features

1. Full system hardness value display, and 7 hardness systems (HL, HV, HRA, HRC, HRB, HB, HS) are displayed directly after startup.
2. It can store up to 100 groups of hardness measurement data (impact times 32 ~ 1). Each group of data includes single measurement value, average value, impact direction, times, materials, hardness system, test time and other information.
3. The instrument is compact, portable and highly reliable, suitable for harsh operating environment, and resistant to vibration, impact and electromagnetic interference.
4. A host can be equipped with a variety of different impact devices to automatically identify the type of impact device.
5. USB can be connected to the upper computer software for data analysis (optional).
6. It can be paired with a Bluetooth printer to print and archive the measurement data.

Product technical parameters

Measurement range	170~960HLD	Printing function	Printing with Bluetooth printer
Error	The indication error is less than $\pm 6\text{HLD}$ (when $\text{HLD}=760\pm 30$); the repeatability error is less than 6HLD (when $\text{HLD}=760\pm 30$)		
Measurement direction	Support 360 degrees (vertical down, oblique down, horizontal, oblique up, vertical up)		
Screen display	Color screen LCD display with adjustable brightness	Data storage	100 groups
Test materials	Steel and cast steel, alloy tool steel, grey cast iron, ductile iron, cast aluminum alloy, copper zinc alloy (brass), copper tin alloy (bronze), pure copper		
Power Supply	2*1.5V AA dry battery	Size	151mm*76mm*35mm

Standard configuration

Name	Quantity
Host	1
D-type impact device	1
Standard Leeb hardness block	1
Nylon brush A	1
Small support ring	1
AA dry battery	2
Manual	1
ABS instrument box	1

Optional configuration

Name	Quantity
Nylon brush B	1
Special-shaped impact device and support ring	1
Data transmission and analysis software CD	1
Communication cable	1
Micro printer	1
Print cable	1

Application Field

This instrument is a split type measuring instrument, which can measure the hardness of common metal materials quickly, without damage and with high accuracy. It can be used in both laboratory and project site. Through the instrument measurement condition setting, it can meet the needs of a variety of measurements. It is widely used in mold, heat treatment, machining, pressure vessel, auto parts, aerospace and other industries, as well as universities, scientific research institutes, technical supervision, special inspection institutes, etc. It is a necessary instrument for nondestructive hardness testing of materials.