

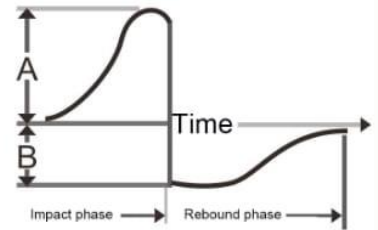
# Split Leeb Hardness Tester



## Function interface



## Impact waveform diagram



## Features

1. High-contrast segment code LCD display, simple and convenient operation
2. It supports a variety of impact devices. The instrument automatically identifies the impact device and can be measured at the beginning
3. 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.
4. Equipped with microcomputer software (optional configuration), it has rich functions such as transmission of measurement results, storage and management of measurement values, statistical analysis of measurement values, printing of measurement reports, and batch setting of instrument parameters to meet higher requirements for quality assurance and management.
5. The power supply adopts 2 AA ordinary dry batteries, which can work continuously for not less than 100h; it has power saving functions such as automatic sleep and automatic shutdown.

## 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 and special inspection institutes. It is a necessary instrument for material nondestructive hardness testing.

## Product technical parameters

Test range	170~960HLD	Hardness system	HL □ HV □ HRA □ HRC □ HRB □ HB □ HS
Error	The indication error is less than $\pm 6\text{HLD}$ (when $\text{HLD}=760\pm 30$ ); the repeatability error is less than $6\text{HLD}$ (when $\text{HLD}=760\pm 30$ )		
Measurement direction	Support 360 degrees (vertical down, oblique down, horizontal, oblique up, vertical up)		
Screen display	Segment code screen display with backlight and adjustable contrast	Data storage	100 groups
Test materials	Steel and cast steel, alloy tool steel, grey cast iron, ductile iron, cast aluminium alloy, copper-zinc alloy (brass), copper-tin alloy (bronze), pure copper		
Power Supply	2*1.5V AA dry battery	Size	150mm*71mm*33mm

## 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