

# H140

## Pen Type Leeb Hardness Tester

### Standard Configuration

|                     |   |                     |   |
|---------------------|---|---------------------|---|
| Main unit           | 1 | Manual              | 1 |
| Standard test block | 1 | Product Certificate | 1 |
| Cleaning brush (I)  | 1 | Warranty Card       | 1 |
| Small support ring  | 1 | Communication cable | 1 |
| Battery Charger     | 1 | Package case        | 1 |



### Introduction

The portable hardness testing instruments, which integrated the smartest NDT technology and the smallest dimension. The hardness tester is a revolutionary product that can test most of the metal objects. With the pen type design and innovative D/DL impacting probes, it provide convenient and reliable experience of testing.

With its small size, impressive design, competitive price, convenient using experience, It can wildly be used in various situations.

### Features

- Intelligent operation.
- Easy operation with several buttons, magnitude and Rockwell values displayed.
- Industrial bright OLED display.
- Good performance of OLED display, even in the sunshine.
- Accurate measurement value.
- High accuracy shown value error  $\pm 0.3\%$  (HLD=800), showing the value of repeatability of 0.5%.
- Supports a variety of hardness standards.
- HL、HV、HRA、HRC、HRB、HB、HV、HS.

### Technical Specification

|                           |  |
|---------------------------|--|
| Measuring range           | HLD(170-960),HRC(17.9-69.5),HB(19-683),HV(80-1042),HS (30.6-102.6),HRA(59.1-88),HRB (13.5-101.7)   |
| Impact directions         | Up, down, horizontal, slanting up, slanting down   |
| Measuring materials       | Steel and cast steel, alloy tool steel, stainless steel, gray cast iron, nodular cast iron, cast aluminum alloy, copper zinc alloys (brass), an alloy of copper and tin, copper (bronze), forged steel |
| Standards                 | ASTM A956、DIN50156-1、GB/T17394-1998  |
| Hardness scales           | HL、HB、HRB、HRC、HRA、HV、HS.   |
| Accuracy                  | HLD: $\pm 0.5\%$ (800HLD)  |
| Display                   | 128*64 OLED display  |
| Repeatability value       | "HLD: 0.8% (800HLD)"   |
| Power supply              | Rechargeable lithium battery   |
| Dimensions                | 148* 40 * 30mm (host).   |
| Weight                    | 0.3kg (host).  |
| Continuous working period | about 10hours  |