

## Electric Universal Hardness Tester LHUS-187.5



USB



Software



LCD



## Functions & Features

- 3 types including Brinell, Rockwell, Vickers three kinds of test methods
- 7 level of force, multi-function, can satisfy user's multi-purpose requirements
- Rockwell reading in dial pointer, Brinell/Vickers lookup in table
- Automatic loading and unloading of test force
- Wide utilization, convenient operation

## Application

- Widely used in the Rockwell, Brinell, and Vickers hardness test of Ferrous and nonferrous metals
- Castings, annealed steel, normalized steel, non-ferrous metals and soft alloys ( Brinell )
- Heat-treated materials ( Rockwell )
- Nitriding layer, ceramic, sheet, foil, plated layer, and minute parts ( Vickers )

## Technical Parameters

|                        |  |
|------------------------|--|
| <b>Model</b>           | <b>LHUS-187.5</b>  |
| Carried Standard       | ISO 6507-2、 ISO 6508-2 、 ISO 6506-2 、 JJG112、 JJG150           |
| Testing force          | Rockwell: 60kgf(588N), 100kgf(980.7N), 150kgf(1471N)           |
|                        | Brinell: 31.25kgf (306.5N), 62.5kgf (612.9N), 187.5kgf (1839N) |
|                        | Vickers: 30kgf (294.2N), 100kgf (980.7N)                       |
| Test Scale             | Rockwell: HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK          |
|                        | Brinell: HBW2.5/31.25, HBW2.5/62.5, HBW5/62.5, HBW2.5/187.5    |
|                        | Vickers: HV30, HV100   |
| Max Height of Specimen | Rockwell:175mm, Brinell:115mm, Vickers:115mm                   |
| Magnification          | 37.5X, 75X   |
| Duration time          | 2-60s  |
| Power supply           | AC220V+5%, 50-60Hz   |
| Overall Dimension (mm) | 520*240*700  |
| Net weight             | About 80Kg   |

## Standard Accessories

| Name                      | Quantity | Name  | Quantity |
|---------------------------|----------|---|----------|
| Diamond Rockwell Indenter | 1        | 1.5875mm Ball Indenter                        | 1        |
| Diamond Vickers Indenter  | 1        | Brinell $\phi$ 2.5、 $\phi$ 5 mm Ball Indenter | 2        |
| Hardness block            | 5        | Large, Medium, "V" shaped Testing Table       | 3        |
| Measurement microscope    | 1        | Sliding Testing Bench                         | 1        |
| Obejective                | 2        | Floodlight                                    |          |
| Power Cable               | 1        | Fuse 2A                                       | 1        |
| Operation Manual          | 1        | Product Certificate & Warranty                | 2        |