

## Digital Rockwell Hardness Tester LHR5-150DX



USB



Software



LCD



## Functions & Features

- Digital, multi-function LCD display, Touch Screen
- Closed-loop system; Automatic loading & unloading
- With USB port for data output
- Rockwell Scales: HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HRL, HRM, HRR, HRP, HRS, HRV
- Conversion to Vickers, Brinell scales, Superficial Rockwell
- Shape correction settings for curved surfaces
- Automatic testing process without manual operating error
- Meets or exceeds GB/T230, ISO 6508, ASTM E18 standards
- Optional Plastic Rockwell Accessories

## Application

- Industrial production, Inspection of product quality on processing technology.
- Ferrous and nonferrous metals, Hardened steel, tempered steel, annealed steel, hardened steel, sheet of various thicknesses, carbide materials, powder metallurgy materials, hardness and thermal spray coating.

## Technical Parameters

|                                    |   |
|------------------------------------|---|
| <b>Model</b>                       | <b>LHRS-150DX</b>   |
| Indication of Hardness Value       | Large LCD screen display                                    |
| Data output                        | USB ( optional RS232)                                       |
| Duration time                      | 0-99s   |
| Carried Standard                   | GB/T230.2、ISO6508-2、ASTME18                                 |
| Preliminary Testing force          | 10kgf   |
| Testing force                      | 60、100、150kgf   |
| Rockwell Scale                     | HRA HRB HRC HRD HRE HRF HRG HRH HRK HRL HRM HRP HRR HRS HRV |
| Hardness measuring range           | HRA:20-95 HRB:10-100 HRC:20-70 HRD:40-77                    |
|                                    | HRF:60-100 HRG:30-94 HRH:80-100 HRK:40-100                  |
|                                    | HRL:50-115 HRM:50-115 HRR:50-115                            |
| Conversion Scale                   | Vickers, Brinell, Rockwell, Superficial Rockwell Scales     |
| Max Height of Specimen             | 200mm   |
| Distance of Indenter to outer wall | 180m  |
| Power supply                       | AC220V+5%, 50-60Hz  |
| Overall Dimension (mm)             | 560*220*750   |
| Net Weight                         | About 75Kg  |

## Standard Accessories

| Name                      | Quantity | Name                                    | Quantity |
|---------------------------|----------|---|----------|
| Diamond Rockwell Indenter | 1        | 1/16 Ball Indenter                      | 1        |
| Rockwell Hardness block   | 3        | 1/16 Ball                               | 5        |
| Fuse 2A                   | 2        | Large, Medium, "V" shaped Testing Table | 1 each   |
| Manual                    | 1        | Plastic Dustproof cover                 | 1        |
| Certificate               | 1        | Power Cable                             | 1        |