



TH500

### Features

TH500 Rockwell hardness tester is a popularly used hardness testing instrument to measure the Rockwell hardness of the materials. No need for power supply, the speed of the test force loading is regulated by the buffer and the test force is regulated by the load-change hand wheel. It has easy operation and stable performance, therefore it is widely used.

### Usage Range

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc.

# TH500

ROCKWELL HARDNESS TESTER

### Standard Delivery

|                                     |        |
|-------------------------------------|--------|
| ●Main unit                          | 1      |
| ●Diamond rockwell indenter          | 1      |
| ●φ1.588mm ball indenter             | 1      |
| ●Hardness block 60~70HRC            | 1      |
| ●Hardness block 20~30HRC            | 1      |
| ●Hardness block 80~100HRB           | 1      |
| ●Weight A,B,C                       | Each 1 |
| ●Usage Instruction Manual           | 1      |
| ●Large, middle, V-shaped test table | Each 1 |
| ●Anti-dust cover                    | 1      |

### Technical Specification

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| Model                        | TH500                                            |
| Indication of hardness value | Dial                                             |
| Max height of specimen       | 185mm                                            |
| Throat                       | 165mm                                            |
| Preliminary test force       | 10kgf(98.07N)                                    |
| Total test force             | 60kgf(588.4N)<br>100kgf(980.7N)<br>150kgf(1471N) |
| Loading method               | Manual                                           |
| Resolution                   | 0.5HR                                            |
| Execute standard             | ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2       |
| Dimension (mm)               | 650×370×950                                      |
| Weight (kg)                  | Net Weight: 78,<br>Gross Weight: 100             |