



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
• ϕ 1.588mm 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	165m
Preliminary test force	10kgf(98.07N)
Total test force	60kgf(588.4N) 100kgf(980.7N) 150kgf(1471N)
Loading method	Manual
Resolution	0.5HR
Execute standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension (mm)	520×245×700 Packing Dimension: 650×370×950
Weight (kg)	Net Weight: 78, Gross Weight: 100