

## Digital Rockwell Hardness Tester



### Application Range

TH550 Rockwell hardness tester is suitable for Rockwell Hardness measurement to carbide, carbon steel, alloy steel, cast iron, non-ferrous metal, and other materials. It can be used in the inspection, research and production for many industries, such as measuring, mechanical manufacturing, metallurgy, and building material.

The design of this machine comply with the Europe standard: BSEN10109-96 "Hardness test for metal material", international standard: ISO06508.2: Metal material, Rockwell hardness test, inspection and calibration for hardness tester

### Features

- Accurate numerical display and easy maintenance
- Practical economical solution, wide range measurement and simple operation.
- Wide usage range: carbide, carbon steel, alloy steel, cast iron, non-ferrous metal, and so on.

## Specifications:

Model	TH550
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, $\phi$ 1.588mm Ball Indenter
Resolution	0.1 HR
Rockwell Scales	1~100HRA, 0~130 HRB, 0~100HRC
Working method	Auto loading of main test force, auto hold and digital display of results
Hardness Reading	Digital display
Vertical Test Space	200mm
Horizontal test space	160mm
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	580 x 270 740 (mm)
Weight	105kg

## Standard Configuration:

Name	Qty	Name	Qty
Main Unit	1 set	Diamond Rockwell Indenter	1 pc
$\phi$ 1.5875mm Ball Indenter	1 pc	Screw for Indenter	1 pc
$\phi$ 1.5875mm spare Ball	3 pc	Flat Anvil	1 pc
Test Block A	1 pc	Vee Anvil	1 pc
Test Block B	1 pc	Instruction Manual	1 set
Test Block C	1 pc	Warranty Card	1 set

## Options:

$\phi$ 70mm flat anvil	$\phi$ 70mm Vee anvil
$\phi$ 80mm flat anvil	$\phi$ 80mm Vee anvil
$\phi$ 120mm flat anvil	Small Vee/point anvil
$\phi$ 150mm flat anvil	Other Test Blocks