

ROCKWELL HARDNESS TESTER

Electric Brinell/Rockwell/Vickers Hardness Tester is suitable for hardening steel, surface hardening steel, cemented carbide steel, cast iron, nonferrous metal, various quenched and tempered and annealed steel, hardened thin steel plate, soft metal, surface heat treatment and chemical heat treatment, etc. It is a common hardness testing machine for industrial and mining enterprises



- It has three test methods: Brinell, Rockwell and Vickers.
- Multi-purpose and multi-function hardness tester with Seven-level test force can meet the requirements of users for various hardness tests.
- Rockwell hardness reading dial pointer display, Brinell and Vickers look-up table
- Test force exertion, loading and unloading are automatically completed
- Wide range of application and easy operation

Code	1804-3610
Initial force	98.07N(10kg) Tolerance±2.0%
Total force	98.07N(10kg)~1839N(187.5kg) Tolerance: ±1.0%
Brinell test force	31.25kgf(306.5N),62.5kgf(612.9N),187.5kgf(1839N)
Brinell scale	HBW2.5/31.25,HBW2.5/62.5, HBW2.5/187.5,HBW5/62.5
Specification of diamond indenter	Diamond Rockwell indenter and Diamond Vickers indenter
Specification of steel ball indenter	φ1.5875mm,φ2.5mm,φ5mm Steel ball indenter
Rockwell test force	60kgf(588N)100kgf(980.7N)150kgf(1471N)
Rockwell scale	HRA HRB HRC HRD HRE HRF HRG HRK HRH
Vickers test force	30kgf(294.2N) 100kgf(980.7N)
Vickers scale	HV30 HV100
Minimum unit of measurement	Brinell:0.004mm Vickers:0.002mm
Amplification of Microscope	37.5x,75x
Rockwell maximum test height	260mm
Maximum test height of Brinell and Vickers	200mm
Duration time	2~60s
Rockwell hardness test range	20HR~100HR
Vickers hardness test range	8HV~2900HV
Brinell hardness test range	8HBW~650HBW
Power supply	AC220+5%,50~60Hz
Shape size(mm)	540×230×820mm
Host weight	80kg

Standard delivery	
Rockwell indenter	1
Vickers indenter	1
Measuring microscope	1
Hardness block	5
Power cord	1
Objective lense	2
φ1.5875、2.5、5mmCemented carbide ball	One of each
Fuse 2A	2
Floodlight	1
Large, medium and V-shaped test-platform	one of each
Sliding test bench	1
Product Description	1