

## 3814 SERIES - ANALOGUE BENCH HARDNESS TESTER

The 3814 Hardness Tester provides reliable Rockwell Hardness values on all types of metal and alloys, hard or soft and in many shapes. This reliable bench hardness tester has a high quality casting, is ergonomically designed for easy operation and is engineered to ensure accurate results.

It is an ideal basic hardness solution, economically priced to suit a variety of lab, workshop, toolroom and inspection department applications. The 3814 conforms to ASTM E-18 standard.

The tester is furnished with a diamond indenter, a 1.6mm (1/16") ball indenter, three certified test blocks, four test tables - 149mm (5.87") and 63.5mm (2.5") flat anvils, 15.9mm (5/8") spot anvil and a standard vee anvil and accessory case.

- Ability to handle Rockwell Scales A through H and K.
- Stable cast iron construction.
- Ideal basic hardness testing for many typical applications.

Technical Specifications	
Major Load	A: 60Kgf, B: 100Kgf, C: 150Kgf
Minor Load	10Kgf
Maximum Test Height	169.9mm (6.69")
Results Display	Analogue - Dial Gauge
Test Force Application	Dead Weight Applies Test Force
Test Force Control	Hydraulic Dashpot System
Throat Depth	168mm (6.6")
Unit Height / Width / Depth	762 x 216 x 508mm (30" x 8.5" x 20")



Cat No	Description
3814	Analogue Bench Hardness Tester

## 3815 SERIES - TWIN ANALOGUE BENCH HARDNESS TESTER

The Starrett 3815 Twin Analogue Hardness Tester features state-of-the-art design and rugged construction. It is engineered to provide highly sensitive, accurate readings and excellent repeatability in all Rockwell and Superficial Rockwell hardness scales.

The 3815 is ideal for heat treatment facilities, tool rooms, workshops, laboratories and inspection labs.



- Direct analogue dial reading.
- Advanced design provides Rockwell and Rockwell Superficial testing.
- Engineered to provide highly sensitive and accurate readings.
- Conforms to ASTM E-18.
- Tests Rockwell Scales: A, B, C, D, E, F, G, H, K, L, M.
- Tests Superficial Rockwell Scales: HR15N, HR15T, HR30N, HR30T, HR45N, HR45Ts.
- Includes a diamond conical indenter, 1/16" ball indenter, HRC, HRB, HR15N, HR30N and HR45T test blocks, 150mm (5.87") test table, 63mm (2.5") flat anvil, standard vee anvil, accessory case and dust cover.

Cat No	Description
3815	Twin Analogue Bench Hardness Tester

Technical Specifications	
Major Load	60Kgf / 100Kgf / 150Kgf
Minor Load	10Kgf Minor Load - Superficial 3Kgf
Maximum Test Height	15.2mm (6.0")
Results Display	Dual Scale Dial
Test Force Application	Dead Weight
Test Force Control	Manual
Throat Depth	14mm (5.5")
Unit Height / Width / Depth	66 x 46.2 x 23.9mm (26" x 18.2" x 9.4")
Unit Weight	113Kgs