

# 3814 Analog Bench Hardness Tester

## Reliability and Value

The Starrett 3814 provides reliable Rockwell Hardness values on all types of metal and alloys. It has a high quality casting, is ergonomically designed for easy operation, and is engineered to ensure accurate results.

An ideal basic hardness solution, economical and suited for lab, workshop, toolroom and inspection department applications. The 3814 conforms to ASTM E-18 standard.

Furnished with a diamond indenter, a 1/16" ball indenter, three certified test blocks, four test tables - 5.87" and 2.5" flat anvils, 5/8" spot anvil, standard vee anvil and an accessory case.

## Features

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

### Technical Specifications

Minor Load	10Kgf
Major Load	A: 60Kgf B: 100Kgf C: 150Kgf
Test Force Application	Dead weight applies test force
Test Force Control	Hydraulic dashpot system
Results Display	Analog - dial display
Throat Depth	6.6" (168mm)
Maximum Test Height	6.69" (169.9mm)**
Unit Height/Width/Depth	30 x 8.5 x 20" (762 x 216 x 508mm)
Unit Weight	187lbs. (85kg)

\*\*Requires bench alteration.

### 3814 Analog Bench Hardness Tester

Cat. No.	EDP	Description
3814	67754	Analog Hardness Tester
PT06145	72519	Hardness Tester Stand

### Accessories\* for 3814 Analog Bench Hardness Tester

PT05245	67944	"C" Regular
PT05249	67948	1/16" (1.6mm) Ball Unit
PT05069	67897	RA Test Block (Rockwell A Scale 80)
PT05059	67888	RB Test Block (Rockwell B Scale 90)
PT05050	67879	RC Test Block (Rockwell C Scale 63)
PT05272	67969	Master Block Set, Rockwell C Scale

\*Contact the L.S. Starrett Company for other accessories

