

## 3816 Digital Bench Hardness Tester

EDP 67755

The microprocessor controlled 3816 Bench Hardness Tester offers easy, fully automated testing procedures and provides highly sensitive and accurate readings.

The 3816 can measure the full regular Rockwell Scales according to ASTM and SAE guidelines. It accommodates all types of hard or soft metals and alloys, in numerous configurations. Overall, the 3816 is packed with features and provides excellent value.

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

### Features

- Automated routines reduce operator involvement and speed measurements
- Large, easy-to-view LED panel displays proper load setting
- Programmable scale conversions, dwell times and tester counter
- Sample averaging is automatically calculated
- RS232C output
- Convenient mini-printer for outputting readings
- Quality castings with large working area



### Specifications for 3816 Digital Bench Hardness Tester

Minor Load	10Kgf
Major Load	A: 60Kgf, B: 100Kgf, C: 150Kgf
Test Force Application	(Dead weight applies test force)
Test Force Control	Motorized
Results Display	Digital Readout
Throat Depth	6.6" (168mm)
Maximum Test Height	6.69" (169.9mm) **
Unit Height/Width/Depth	28 x 8.9 x 19.6" (711 x 226 x 498mm)
Unit Weight	187 lb (85kg)

### 3816 Digital Bench Hardness Tester

Description	Catalog No.	EDP
Digital Bench Hardness Tester	3816	67755
Hardness Tester Stand	PT06145	72519

### Accessories\* for 3816 Digital Bench Hardness Tester

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

\* For additional listings of test blocks and accessories, refer to the following pages in this section.  
 \*\* Requires bench alteration.