

900-340 Motorized Superficial Hardness Tester



Features:

- Motor driven system provides control of test force application
- Direct analog dial reading
- Engineered to obtain highly sensitive and accurate readings
- Conforms to ASTM E-18
- Perfect for laboratories, workshops, tool rooms, inspection labs, etc.
- For testing thin, soft material in the Superficial Rockwell scales (900-340)

Specifications:

Minor Load	10 Kgf
Major Load	15 Kgf, 30 Kgf, 45 Kgf
Test Force Application	Dead Weight
Test Force Control	Motorized
Results Display	Analog Dial Gage
Vertical Capacity	6.7 in.
Throat Depth	6.6 in.
Height	28 in.
Width	8.9 in.
Depth	19.6 in.
Shipping Weight	190 lbs

Accessories:

N-scale Diamond Indentor
1/16" Steel Ball Indentor
3- HRN Test Blocks
3-HRT Test Blocks
Test Table 5.87" (150mm)
Flat Anvil 2.5" (63mm)
Spot Anvil .38" (10mm)
Std. Vee Anvil
Accessory Case
Dust Cover



Scale Symbol	Indenter Type <i>Ball dimensions indicate diameter</i>	Preliminary Force N (kgf)	Total Force N (kgf)	Typical Application
15N	Spheroconical Diamond	29.42 (3)	147.1 (15)	Similar to A,C and D scales, but for thinner gage material or case depth
30N	Spheroconical Diamond	29.42 (3)	294.2(30)	
45N	Spheroconical Diamond	29.42 (3)	441.3(45)	
15T	Ball – 1/16" (1.588mm)	29.42 (3)	147.1 (15)	Similar to B,F and G scales but for thinner gage materials
30T	Ball – 1/16" (1.588mm)	29.42 (3)	294.2(30)	
45T	Ball – 1/16" (1.588mm)	29.42 (3)	441.3(45)	
15W	Ball – 1/8" (3.175mm)	29.42 (3)	147.1 (15)	Very soft material
30W	Ball – 1/8" (3.175mm)	29.42 (3)	294.2(30)	
45W	Ball – 1/8" (3.175mm)	29.42 (3)	441.3(45)	
15X	Ball – 1/4" (6.350mm)	29.42 (3)	147.1 (15)	
30X	Ball – 1/4" (6.350mm)	29.42 (3)	294.2(30)	
45X	Ball – 1/4" (6.350mm)	29.42 (3)	441.3(45)	
15Y	Ball – 1/2" (12.70mm)	29.42 (3)	147.1 (15)	
30Y	Ball – 1/2" (12.70mm)	29.42 (3)	294.2(30)	
45Y	Ball – 1/2" (12.70mm)	29.42 (3)	441.3(45)	