Specification Sheet SS-35-450-0310 March 2010

The NEWAGE® 35-450 Series Brinell Scope features a calibrated reticle in a flat field optical system. This economical instrument accurately measures the indentation diameter from any Brinell hardness tester.

The model 35-450 is a compact, portable reader with a fixed 20X focus. Its illumination system uses an incandescent flashlight for lillumination. The flashlight is powered with a single AAA battery, included with the instrument. The reticle is calibrated in 0.1mm units over a range of 6mm. The field of vision is 7mm.

Features

- Flashlight source is economical
- Battery operated- uses a single AAA battery (included)
- Use on any Brinell applications
- 6mm Reticle scale, 0.1mm scale divisions, 7mm field diameter
- 20X magnification, fixed focus
- Easy-to-Use
- Compact size

Specifications

Magnification:20XReticule Scale:6mmScale Divisions:0.1mmField Diameter:7mmPower:AAA Bat

Power: AAA Battery)
Instrument Weight: 1.5 lbs (700 g)
Shipping Weight: 2 lbs (1 kg)







Ordering

Model 35-450 Series Pocket Brinell Scope

М	odel	Description
35	5-450	Pocket Scope, 20X, fixed focus with case

Reference

Diameter mm for Applied Load mm biameter mm for Applied Load mm for Applied Load mm for Applied Load mm 500 3000 2.0 157.5 945.3 4.5 29.8 178.5 2.1 142.7 856.5 4.6 28.4 170.4 2.2 129.9 779.5 4.7 27.1 162.8 2.3 118.7 712.4 4.8 25.9 155.6 2.4 108.9 653.4 4.9 24.8 148.9 2.5 100.2 601.5 5.0 23.8 142.6 2.6 92.6 555.3 5.1 22.8 136.6 2.7 85.7 514.2 5.2 21.8 131.0 2.8 79.6 477.5 5.3 20.9 125.6 2.9 74.1 444.4 5.4 20.1 120.6 3.1 64.6 387.7 5.6 18.6 111.4 3.2 60.5 363.2 5.7 1	Indenter Hardne		s Number	ı	Indenter	Hardnes	s Number
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4.1 36.2 217.2 6.6 12.8 76.8	3.9	40.2	241.2		6.4	13.7	82.5
1.1 30.2 217.2	4.0	38.1	228.8		6.5	13.3	79.6
4.2 34.4 206.5 6.7 12.4 74.1	4.1	36.2	217.2		6.6	12.8	76.8
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