

BRINELL SCOPES **HiLIGHT**[™]

● Casting a New Light
on Accurate Brinell Testing

Advanced 20x LED Brinell Microscope
Designed for Optimal Illumination
of Brinell Indentations.



NEW: Automatic Power Switch Option Saves Batteries Even More.

A New and Innovative Line of LED-Illuminated Brinell Scopes.

BRINELL SCOPES HiLIGHT™

Casting a New Light on Accurate Brinell Testing

- Built-in LEDs for optimum illumination of test impression and better accuracy.
- Operates over 200 hours on one battery.
- Turns on and off with a quick twist of the base or optionally with a motion sensor/timer for automatic power control.
- No awkward flashlight attachment.
- Optional cradle for storing the scope.
- Removable base for small 5/8" footprint.

Model 5620-05: 20x power with a 7 mm long scale and .05 millimeter graduations on the reticle. Overall Size: 2" diameter x 6" high. Footprint 1-1/2" with removable foot, 5/8" without foot.

Newage Testing Instruments has a different approach to Brinell scope construction in its new HiLight Brinell Scope. The HiLight Series uses built-in high-efficiency LEDs (light-emitting diodes) to illuminate Brinell impressions. The LEDs are ideally positioned to provide an even and consistent definition of the Brinell impression's edge.

To illuminate impressions traditional Brinell scopes use a flashlight attachment which shines in through an opening in the side of the scope. The operator often moves the angle of the illumination up and down to "pick" a view of the impression to measure and thereby introduces more variation into the measurement process. The HiLight Brinell Scopes are completely enclosed so no ambient light reaches the test impression - the source of the light is the built-in LEDs. Optimized surface illumination with a sharp 20X magnification helps insure more reliable results whether measuring Brinell impressions or other applications such as total case depth on heat treated samples.

In addition to the illumination advantages by using LEDs, the HiLight scopes have improved durability and greater efficiency for up to 200 hours continuous operation without replacing the battery. The scope can be used with the snap-on base so it stands upright by itself and provides a stable platform for making measurements, or the base can be removed for measurements with a narrow 5/8" footprint.

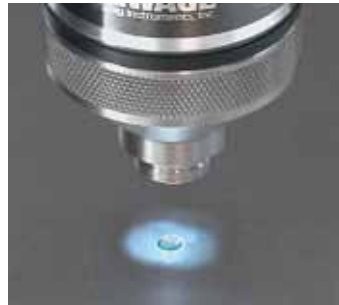
Part 5621: "Snap-Tite" Scope Cradle with clips, mounting holes

Part 5620-05A: Automatic on-off power control.

*Part 5620-01: 20X power with integral micrometer for 0.01mm measurement resolution.
Call for other components available at time of sale.*



Use the optional cradle, part 5621, to securely clip the scope or the tether (part 0S-106) for protection and convenience.



The new LED system directs the light at a shallow angle for optimum, consistent illumination of the impression.



The scope turns on and off automatically with the optional motion sensor/timer control, part 5620-05A. Will stay ON for 2 minutes before shutting OFF.



Removable snap-on base can be used for improved stability during testing or removed for use in tight locations.

AMETEK®
TEST & CALIBRATION INSTRUMENTS

Newage Testing Instruments
An AMETEK Company
820 Pennsylvania Blvd.
Feasterville, PA 19053
United States of America
Tel 215-355-6900 (Sales)
Tel 800-806-3924 (Sales)
Tel 800-317-1976 (Service)
Fax 215-354-1803
Email newage.info@ametek.com

Visit Us on the Worldwide Web at:
www.hardnesstesters.com

Represented By

HiLight™ is a trademark of AMETEK, Inc.

© 2011 by AMETEK, Inc.

Information within this document is subject to change without notice.