

NDT Supply.com, Inc.

7952 Nieman Road
Lenexa, KS 66214-1560 USA



Cleaning

The surface of the mirror is very sensitive.

FRAGILE

Use canned air to remove dust and grit from the mirror or window surface.



Dampen a cotton swab with Hawkeye lens cleaner, isopropyl alcohol or acetone. Clean the surface gently, taking care not to scratch it.



Wipe the surface with a dry swab to eliminate smearing.



Gradient Lens Corporation®

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REV. 0416



PRECISION BORESCOPES

User Guide

HAWKEYE® CLASSIC FLEXIBLE Precision Borescope



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PRECISION BORESCOPIES

Hawkeye® Flexible Borescope

The Hawkeye® Classic Flexible Borescope has 18,000 optical glass fibers, delivering high resolution, sharpness, and image detail. The acid-leached fiber imaging bundle maximizes image contrast. The plastic-coated, stainless steel gooseneck sheath takes a set before insertion into a cavity. Image quality is further enhanced by the super bright Hawkeye® Super NOVA™ LED Light.

SuperNOVA™ LED Light

The charging cradle has contacts that mate with the contacts on the SuperNOVA™ LED. Plug the charger into a power outlet and slide the SuperNOVA™ LED into the charger until the contacts engage. The charger indicator light will glow continuously while charging, and flash when the unit is fully charged. This takes about 3 hours when the SuperNOVA™ LED has been fully discharged. A fully charged unit will run continuously for approximately 2 hours.



Thread the head of the SuperNOVA™ LED, onto the borescope's light post. **DO NOT OVERTIGHTEN.**



Turn the SuperNOVA™ LED on & off by pushing the button in its tailcap.

- Lightly press the tailcap button for momentary operation.
- Press the button until it clicks for full intensity.
- Press and hold the button to cycle through high, medium and low intensity. Release the button at the desired level.
- Quickly double-click the button to activate strobe mode.
- Click the button once from any operating mode to turn the light off.



Adjust the light intensity by cycling through high, medium and low with the push-button, or turn the knurled ring to actuate the internal shutter.



CAUTION: The knurled ring turns through a total of about 20° rotation. Don't try to force it further.



Mirror

For a 90° sideways view, thread off the small black protective sleeve **A** on the Hawkeye flexible tip and replace it with the Mirror Tip. **B**

Viewing

Look through the eyepiece. The image is broken up into pixels because individual optical fibers are used to carry it from the end to the eyepiece. This allows the scope to be flexible.



Eyesight Compensation

Turn the black eyecup to sharpen the image. This compensates for differences in eyesight only. The borescope focus is set from one-half inch to infinity.

GRADIENT LENS CORPORATION | Technical Support M-F 8:00-5:00 pm EST: 800.536.0790 | fax 585.235.6645

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