

Hawkeye® Pro Hardy Specifications

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| Optics | |
| Field-of-View | 50° |
| Direction-of-View | 0° |
| Relay Optics | e2 endoGRINs® Glass Relay Lenses |
| Magnification | Borescopes are not fixed magnification like microscopes. See chart . |
| Mechanical / Construction | |
| Length | 7", 12", 17", 22" |
| Diameter | Scope: .250" (6.35 mm), w/ Mirror Tube: .313 (8.00 mm) |
| Lightpost | LightConcentrator™ ACMI configuration, Diameter 0.300" |
| Eyecup | Standard DIN, 32 mm diameter, with independent focusing ring |
| Materials | |
| Tube | 304 Stainless Steel |
| All Machined Stainless Steel | 303 Stainless Steel |
| Eyecup and Focusing Ring | Aluminum, black anodized |
| Front Window | AR coated optical Glass |
| Illumination Fiber | Optical Glass |

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| Relay Optics | e2 endoGRINs® gradient index glass lenses |
| Environmental | |
| Temperature Range | Official - 20° to 120° C. |
| Note 1 | Hawkeye Pro Rigid Borescopes can be made to operate up to 300 deg. C on a custom Basis. Contact your sales representative for details. |
| Note 2 | These scopes were not designed to operate below 0°. However, several of our customers have successfully used the scopes in liquid Nitrogen at 77 deg. K. |
| Pressure | All Hawkeye borescopes we designed only for use at ambient pressure, however, we have several customers who have successfully used Hawkeye Borescopes at pressures up to 500 PSI and down to 10 ⁻⁶ Torr. As the scopes were not specifically designed for this, the operator does so at his own risk. |
| Chemical Resistance | All Hawkeye Pro Rigid borescopes (tube only, not the eyepiece end) are water tight and are resistant to most hydrocarbons; oils, gasoline, hydraulic fluid, jet fuel, etc. Exposure to Acids and strong Alkali should be avoided as it will attack the optical window. |