

Your Eye Inside™

HAWKEYE® Q2
VIDEO BORESCOPIES

*Finally, a Hi-Resolution
Video Borescope at
a low price!*



800.536.0790

hawkeyeborescopes.com

Hawkeye's Intuitive Design



Hi-Res Micro Camera up to 1MP

Rugged Sheathing Options Tailored for Industrial Applications

Interchangeable Tubes

Display Reinforced with Rubber Molding

HDMI, USB, Micro-SD Interfaces

5" HD TFT Display

Intuitive Easy To Use Keypad

Responsive Joystick

Trigger For Simple Media Capture

Durable Scuff Resistant Ergonomic Polymer Handle

4-Hour Rechargeable Li-Ion Battery

USB Charging Port

Battery Life Indicator



Why Hawkeye?



Easily Swap Tubes

Interchangeable tubes deliver both versatility and reduced repair-related downtime, ensuring continuous operation



TRY IT FREE

Experience our scopes firsthand with a free 5-day evaluation, ensuring they deliver the performance and reliability your application demands



On-Site Demo

Schedule an on-site demo with one of our technical sales representatives and see the Hawkeye difference firsthand



Engineered in USA

The Q2 Videoscopes are engineered in the USA and manufactured under a rigorous quality control process to ensure reliability and quality in demanding applications.



Customer Support

Need assistance? Our technical support team is ready to help. Reach us by phone, chat, or email, we're here to answer any questions and provide guidance for your application



HD Application Photos



Aerospace



Metal Casting

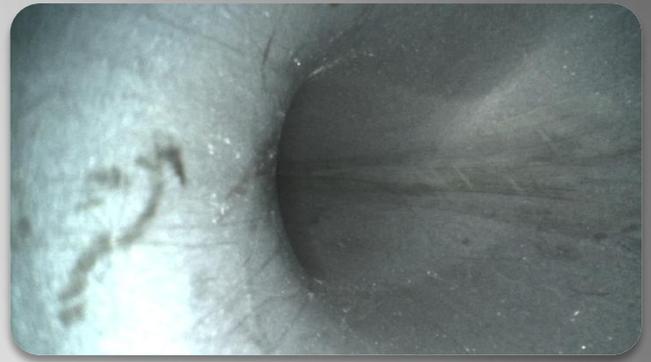


Precision Welding



Power Generation

The Hawkeye® Q2 Video Borescopes are a seamless transition from our V2 with 6x the resolution in a more compact and portable design. The Q2 is offered in diameters ranging from .95 to 6mm, with lengths up to 7.5 meters. The Q2 features 4-way joystick articulation, 4-hour integrated battery, interchangeable insertion tubes, and a dual camera option. The Hi-Res camera sensor provides users with high-resolution images and videos which can be captured onto the micro-sd card. Kits start at \$6,995.



Tubing



Manufacturing



Maintenance

Interchangeable Tubes, Easy-To-Use Interface

Interchangeable Insertion Tubes

The Hawkeye® Q2 Video Borescopes interchangeable insertion tube capability is a valuable resource for customers who need a variety of length and diameters for their applications. The ease of replacement allows customers to limit downtime by not having to send tubes in for repair and change the tube on-site.



Easy-to-Use Interface

The Hawkeye® Q2 Video Borescopes incorporate an easy to navigate interface allowing customers to save time by limiting unused features. The Q2 prioritizes full resolution image and video capture, media review, zoom and image rotation.

Video Recording Timer Screen Mirroring Indicator LED Brightness
SD Card Indicator



Time and Date Stamp Magnification Annotation

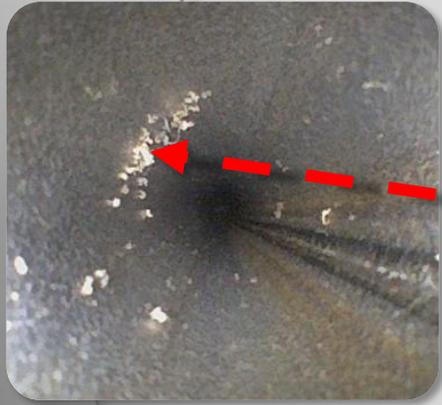
On-Screen Icons



Easy-to-Use Keypad

- Power/Freeze Frame
- Image/Video Capture
- Up/Mirror/Dual View Toggle
- Menu/OK
- Down/Digital Zoom
- Return//Playback
- LED Brightness Adjustment

Hawkeye® Micro Q2 Video Borescope



Flaw in a
2mm ID Tube

Diameters:
.95mm (.037")
1.2mm (.047")
2.0mm (.078")

Durable Sheath
Polyimide w/ SS Mesh

Interchangeable
Tubes

5" HD
Monitor

Image &
Video Capture
Trigger Controlled

4-Hr
Battery



Bright LED



Side View Camera



Easily Change Tubes



IP 67

Hawkeye® Micro Q2 Video Borescopes Price List

| Diameter | Length | Direction of View | Model # | Price |
|---------------|-------------------|-------------------|------------------|----------|
| .95mm (.037") | 1.0 meter (3'3") | 0° | VQ2 009 1000 NAP | \$11,995 |
| .95mm (.037") | 1.5 meter (3'3") | 0° | VQ2 009 1500 NAP | \$12,495 |
| 1.2mm (.047") | 1.0 meter (3'3") | 0° | VQ2 012 1000 NLP | \$9,995 |
| 2.0mm (.078") | 1.5 meter (4'11") | 0° | VQ2 020 1500 NL | \$6,995 |
| 2.0mm (.078") | 3.0 meter (9'10") | 0° | VQ2 020 3000 NL | \$8,995 |
| 2.0mm (.078") | 1.5 meter (4'11") | 90° | VQ2 020 1509 NL | \$12,495 |
| 2.0mm (.078") | 3.0 meter (9'10") | 90° | VQ2 020 3009 NL | \$14,995 |

Deluxe Kits: Additional \$695.00

Hawkeye® Micro Q2 Specification

Hawkeye® Micro Q2 Video Borescopes Specifications

| | |
|--|---|
| Diameter | .95mm (.037") (+.1mm/-0mm) 1.2mm (.047") (+.1mm/-0mm) 2.0mm (.078") (+.1/- .05) |
| Length | .95 and 1.2mm: 1.0 meter (3'3"), 1.5 meter (4'11") 2.0mm: 1.5meter (4'11") 3.0meter (9'10")* |
| Articulation | N/A |
| Field-of-View | 110° Diagonal (+/- 10°)** |
| Depth-of-Field | 1.5mm – 20mm |
| Direction of View | .95mm: 0° 2.0mm 0° or 90° |
| Sheath | .95 and 1.2mm: Polyimide w/ SS Mesh Underlayer*** 2.0mm: Multi Layer Tungsten |
| Camera | .95 and 1.2mm: 400x400 Color CMOS 2mm: 720x720 Color CMOS |
| Display | 5" HD Display |
| Illumination | Integrated White LED |
| Interfaces | HDMI, USB, Micro-SD Card |
| Battery | 4hr run time, Rechargeable Li-Ion |
| Recording Media | JPEG, MPEG4 |
| Weight | 2.2lb (1kg) |
| *Longer lengths available upon request **Custom FOV options available ***SS Spring Coil Sheath available | |



Medical Device Inspection Using
a .95mm VQ2 009 1000 NAP



Orbital Weld using side view
2mm VQ2 020 1009 NL



Stainless 1/3" Tube Orbital Weld
Inspection using a .95mm VQ2
009 1000 NA

Hawkeye® Q2 HD Video Borescope

Diameters:

- 1.8mm (.073")
- 2.8mm (.110")
- 3.9mm (.154")
- 6.0mm (.236")

Durable Tungsten Sheath
Multi-Layer Construction

Interchangeable
Tubes

5" HD
Monitor

Joystick
Articulation

Image & Video Capture
Trigger Controlled

4-Hr Battery



HD Image Sensor



Bright LED



Easily Change Tubes



IP 67



1. Durable Camera and Optics
2. Custom designed articulation collars
3. Rugged multi-layer sheathing

Hawkeye® Q2 HD Video Borescopes Price List

| Diameter | Length | Model # | Price |
|---------------|-------------------|-----------------|----------|
| 1.8mm (.073) | 1.0 meter (3'3") | VQ2 018 1000 2L | \$10,495 |
| 2.8mm (.110") | 1.5 meter (4'11") | VQ2 028 1500 4L | \$9,995 |
| 3.9mm (.154") | 1.5 meter (4'11") | VQ2 039 1500 4L | \$7,995 |
| 3.9mm (.154") | 3.0 meter (9'10") | VQ2 039 3000 4L | \$8,995 |
| 6.0mm (.236") | 1.5 meter (4'11") | VQ2 060 1500 4L | \$6,995 |
| 6.0mm (.236") | 3.0 meter (9'10") | VQ2 060 3000 4L | \$7,995 |
| 6.0mm (.236") | 7.5 meter (24'6") | VQ2 060 7500 4L | \$14,995 |

Deluxe Kits: Additional \$695.00

Hawkeye® Q2 HD Specification

Hawkeye® Q2 HD Video Borescopes Specifications

| | |
|--------------------------|--|
| Diameter | 1.8, 2.8, 3.9 and 6.0mm (.073, .110, .154 and .236") |
| Length | 1.8mm: 1.0meter (3'3")* 2.8mm: 1.5meter (4'11")* 3.9mm: 1.5meter (4'11") 3.0meter (9'10")* 6.0mm: 1.5meter (4'11") 3.0meter (9'10"), 7.5meter (24'6") |
| Articulation | 1.0 – 3.0meter 140° min (+/- 10°) 7.5meter 90° (+/- 10°) |
| Field-of-View | 1.8 and 2.8mm: 110° Diagonal (+/- 10°)** 3.9 and 6.0mm 100° Diagonal (+/- 10°)** |
| Depth-of-Field | 1.8 and 2.8mm: 3mm - infinity 3.9mm: 8mm - infinity 6.0mm: 8mm - infinity |
| Direction of View | 0° (90° Dedicated view available special order) |
| Sheath | Tungsten Braid |
| Camera | 1.8 and 2.8mm: 720p Color CMOS 3.9mm: 1MP Color CMOS 4.5mm: 1MP Color CMOS |
| Display | 5" HD Display |
| Illumination | Integrated White LED |
| Interfaces | HDMI, USB, Micro-SD Card |
| Battery | 4hr run time, Rechargeable Li-Ion |
| Recording Media | JPEG, MPEG4 |

*Longer lengths available upon request

**Custom FOV options available



Gearbox Inspection Using a
6mm VQ2 060 1500 4



Lubrication Filter Inspection Using a
3.9mm VQ2 039 1500 4

Hawkeye® Q2 Dual View HD Video Borescope

Durable Tungsten Sheath
Multi-Layer Construction

Interchangeable
Tubes

Diameters:
2.8mm (.110")
4.5mm (.165")
6.0mm (.236")

5" HD
Monitor

Image &
Video Capture
Trigger Controlled

Joystick
Articulation

Dual View
(Straight and Side View)

4-Hr
Battery



HD Image Sensor



Dual View Camera



Bright LED



Easily Change Tubes



IP 67

| Hawkeye® Q2 Dual View HD Video Borescopes Price List | | | |
|--|-------------------|------------------|----------|
| Diameter | Length | Model # | Price |
| 2.8mm (.110") | 1.5 meter (4'11") | VQ2 028 1500 4DL | \$11,995 |
| 4.5mm (.154") | 1.5 meter (4'11") | VQ2 045 1500 4D | \$8,995 |
| 4.5mm (.154") | 3.0 meter (9'10") | VQ2 045 3000 4D | \$9,995 |
| 6.0mm (.236") | 1.5 meter (4'11") | VQ2 060 1500 4D | \$7,995 |
| 6.0mm (.236") | 3.0 meter (9'10") | VQ2 060 3000 4D | \$8,995 |
| 6.0mm (.236") | 7.5 meter (24'6") | VQ2 060 7500 4D | \$15,995 |
| Deluxe Kits: Additional \$695.00 | | | |

Hawkeye® Q2 Dual View HD Specification

Hawkeye® Q2 Dual View HD Video Borescopes Specifications

| | |
|--------------------------|--|
| Diameter | 2.8, 4.5 and 6.0mm (.110, .177 and .236") |
| Length | 2.8mm: 1.5meter (4'11")* 4.5mm: 1.5meter (4'11") 3.0meter (9'10")* 6.0mm: 1.5meter (4'11") 3.0meter (9'10"), 7.5meter (24'6")* |
| Articulation | 1.5 – 3.0meter 150° min (+/- 10°) 7.5meter 90° (+/- 10°) |
| Field-of-View | 2.8mm: 110° Diagonal (+/- 10°)** 3.9 and 6.0mm 110° Diagonal (+/- 10°)** |
| Depth-of-Field | 2.8mm: 0° DOV: 3mm – infinity 90° DOV: 2mm – infinity 4.5 and 6.0mm: 0° DOV: 8mm – infinity 90° DOV: 6mm - infinity |
| Direction of View | 0 and 90° (Dual View) |
| Sheath | Tungsten Braid |
| Camera | 2.8mm: 720x720p Color CMOS 4.5 and 6mm: 1MP Color CMOS (HD) |
| Display | 5" HD Display |
| Illumination | 2.8mm: Integrated White LED (Front) 4.5 and 6mm: Integrated White LED (Front / Rear) |
| Interfaces | HDMI, USB, Micro-SD Card |
| Battery | 4hr run time, Rechargeable Li-Ion |
| Recording Media | JPEG, MPEG4 |
| Weight | 2.2lb (1kg) |

*Longer lengths available upon request

** Custom FOV options available



Orbital Weld Inspection Using a
4.5mm VQ2 045 1500 4D (Straight View)



Orbital Weld Inspection Using a
4.5mm VQ2 045 1500 4D (Side View)

Kits & Accessories... Everything You Need!

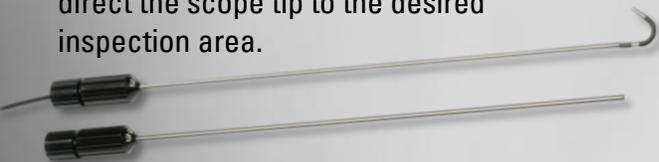


Q2 Spare Battery

The Hawkeye® Q2 Video Borescopes has a 4-Hour battery life. Customers often purchase additional batteries to ensure they can always keep a spare battery fully charged.

Q2 Video Borescope Rigidizers

When you push a flexible borescope through a hole into a large open cavity it can be difficult to orient and direct the scope tip. The Hawkeye videoscope rigidizer tube allows the user to easily direct the scope tip to the desired inspection area.



Q2 Tilt Magnet Mount

The Hawkeye® Q2 Video Borescopes tilt mount allows customers on bench tops or in the shop who have access to metal cabinets or stands to easily mount the Q2. The Q2 has a ¼" female thread for standard mounts.



Q2 Tripod

The innovative Hawkeye® Q2 Tripod converts from an ergonomic handle, to a benchtop tripod with the click of a button. The quick release comes pre-installed on your Q2 for easy set-up.



Direct Power Adapter

Certain inspection environments require continuous power and extended handling of the Q2. The Direct Power Adapter enables users to seamlessly connect the Q2 to 110v power using a durable insert that plugs directly into the battery port.



Standard Q2 Kits Include:

- Hawkeye® Q2 Video Borescope
- Benchtop Tripod / Handle
- Micro SD Card
- HDMI/USB Capture Card
- HDMI Cable
- USB Media/Charging Cable and Cube
- USB Micro SD Card Reader
- Rugged Storage Carrying Case

Deluxe Q2 Kits Also Include:

- Direct Power Adapter
- Rigidizer Tube*

*2.8mm and larger



Hawkeye® Q2 Video Borescopes Accessories Price List

| Item # | Description | Price |
|--------------|--|---------|
| VQ2-BATT | Spare Battery for Hawkeye Q2 Video Borescope | \$395 |
| VQ2-TMM | Tilt Magnet Mount for Hawkeye Q2 Video Borescope | \$125 |
| VQ2-DPA | 110v Direct Power Adapter (10') for Q2 Video Borescope | \$595 |
| VQ2-RT28 | Rigidizer Tube for 2.8mm Q2 17" Length | \$195 |
| VQ2-TRIPOD-2 | Benchtop Expandable Tripod / Handle w/Mount | \$125 |
| VQ2-RT4 | Rigidizer Tube for 3.9mm Q2 17" Length | \$195 |
| VQ2-RT45 | Rigidizer Tube for 4.5mm Q2 17" Length | \$195 |
| VQ2-RT6 | Rigidizer Tube for 6.0mm Q2 17" Length | \$195 |
| VQ2-HOST | Replacement Host for Q2 Video Borescope | \$2,595 |
| VQ2-CASE | Replacement Case for Q2 (Under 6 meter) | \$395 |
| VQ2-CASEL | Replacement Case for Q2 (Over 6 meter) | \$595 |

Environmental Specification

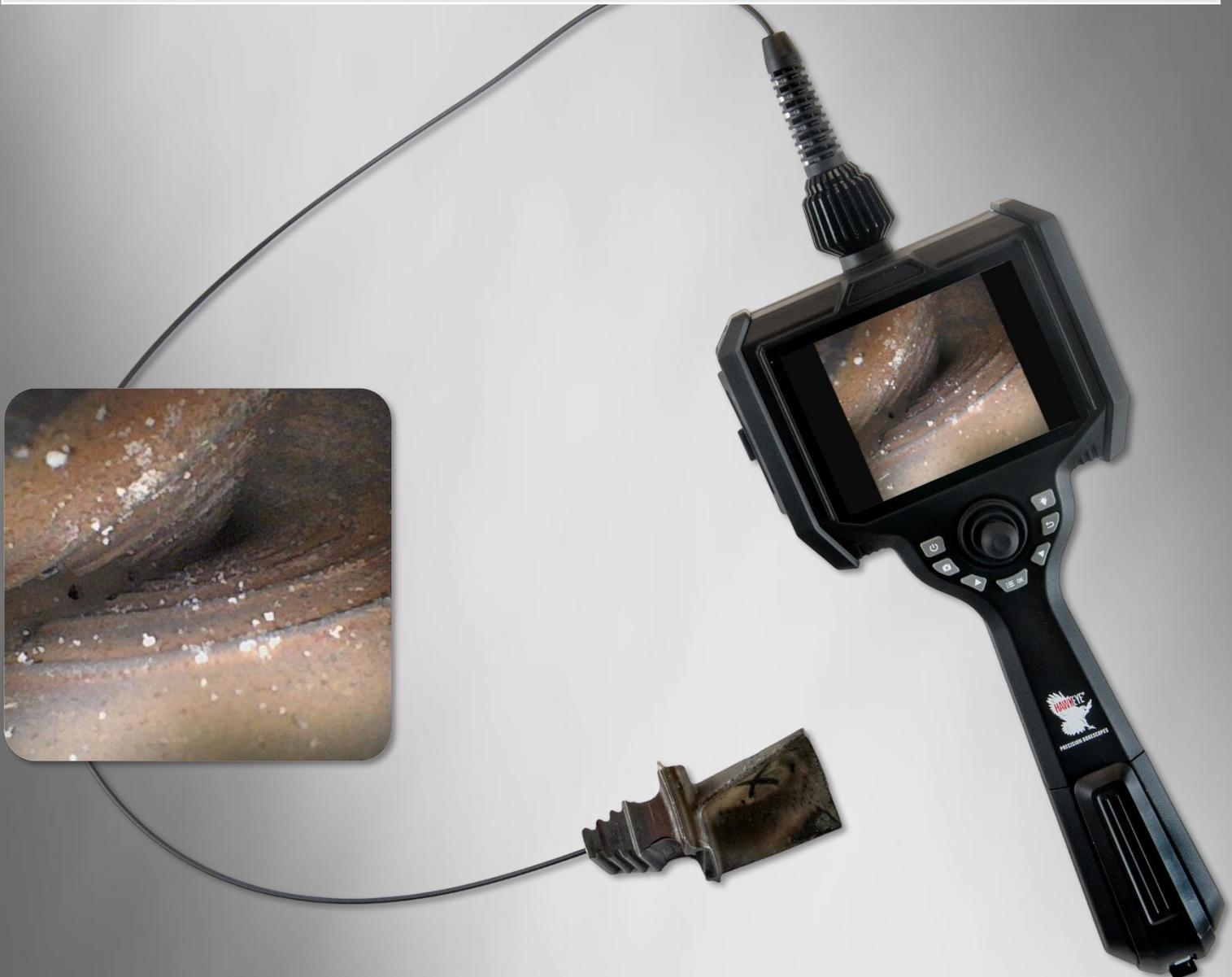
Hawkeye® Q2 Video Borescopes Environmental Specifications

| | |
|-------------------------|--|
| Operating Temp | Probe: - 20 to +60C (-4 to +140 F) : Display Unit: -10to +50C (14 to +122F) |
| Storage Temp | - 20 to + 60 C (-4 to +140 F) |
| Environmental | Sheath: IP67***, Host: IP54 |
| Operating Temp | Probe: - 20 to +60C (-4 to +140 F) : Display Unit: -10to +50C (14 to +122F) |
| Humidity | 5-95% Relative Humidity |
| Sheath Fluid Resistance | Resistance to water up to 5% salinity and most oils (except hydraulic fluid) |
| Compliance | FCC, CE, ROHS |

***Stainless Steel Spring Coil Sheathing is not IP67. Splash resistant

*** 1.8mm Articulating Tungsten sheath is not IP67. Splash resistant.

Hawkeye Borescopes provides no guarantee without a specific material test.



Hawkeye Precision Borescopes by
Gradient Lens Corporation
4647 Jackson Lane Phelan, CA 92371

Q2



PRECISION BORESCOPES

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