**VJ-Advance (VJ-ADV) Articulating Video Borescopes**

**2.8mm • 3.9mm • 6.9mm**

**VJ-ADVANCE BORESCOPE**

- Full Color LCD Display
- Lengths Range From 1.0 - 8.0 Meters
- Image Capture Trigger
- Joystick Controlled Articulating Camera
- Variable LED Lighting
- On Board Image Processing
- Integrated Control Panel
- Joystick Articulation Control
- Video Start/Stop Button
- LED Selector Button
- Ergonomic Pistol Grip Design
- Standard AA Battery Operation
- USB Connectivity/Micro SD Card Storage

**VERSATILE DESIGN**
With insertion tube diameters of 2.8mm, 3.9mm, or 6.9mm, and lengths ranging from 1.0 to 8.0 meters, there is a VJ-ADV video borescope suitable for almost any application.

**STANDALONE PORTABILITY**
No need for a separate monitor – our lightweight, compact design has a built-in, full-color LCD display. Photo and video capture is handled via the internal processor. At just 23 ounces, the VJ-ADV is a fully portable, all-in-one inspection tool.

**DIRECT RESPONSE ARTICULATION**
Designed with the end-user in mind, the direct mechanical, four-way articulation requires no calibration and provides the user with responsive and immediate directional control.

**TRUE ONE HAND OPERATION**
The unique pistol-grip design features 360 degree joystick articulation that is intuitive to the user, saving valuable inspection time. Simply pull the trigger for image capture. Easy to reach thumb buttons for brightness selection and video capture make performing inspections second nature.
# VJ-Advance (VJ-ADV) 3.9mm Specifications

<table>
<thead>
<tr>
<th>Insertion Tube</th>
<th>Outer Diameter</th>
<th>3.9mm</th>
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</thead>
<tbody>
<tr>
<td>Length (meter/inch)</td>
<td>1.5m (59&quot;) / 3.0m (118&quot;)</td>
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<tr>
<td>Exterior</td>
<td>Stainless Steel Braid</td>
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<tr>
<td>Waterproof</td>
<td>Insertion Tube and Tip</td>
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<tr>
<td>Chemical Compatibility</td>
<td>Machine Oil, Heating Oil, Engine Oil, 3.5% Concentrated Saltwater, Diesel Fuel</td>
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**Optics**
- Field of View (H/V): 70° / 70°
- F No.: F 5.3
- Depth of Field: 4mm ~ ∞
- Illumination Method: 6 Super High-Intensity White LEDs

**Articulation**
- Articulation Range: 360° (over 90° in every direction)
- Articulation Control: Joystick-controlled
- Rigid Distal End Length: 13mm

**LCD Monitor**
- 3.5 inch Color Digital LCD

**LED Output Adjustment**
- 5 Levels

**GAIN Adjustment**
- 5 Levels

**Still Capture / Record Function**
- Still Image
- Time-lapse Recording (Video)

**Input/Output**
- Video Output: 2.5mm Stereo Mini Jack for RCA Video Output (NTSC/PAL)

**Terminal**
- USB Output: Mini B Terminal Ver. 2.0 Video Capture Output (Includes Driver / Viewer Software)
- Audio Output: Monaural Flat Jack for Hands-free Earphone
- Microphone Input: Monaural Flat Jack for Hands-free Microphone

**Storage**
- Storage Media: MicroSD Card (Max. 2GB)
- Still Image: JPEG 400×400 pixels
- Video: Motion JPEG (AVI file extension)
- Storage Capacity (with 2GB MicroSD Card): Still Image: Max. 1,000 pictures
- Movie Recording: Approx. 2 hours (Normal Mode) / Approx. 9 hours (Time-lapse Mode)

**Playback Function**
- Still Image: Thumbnail 9-image Display / Full Screen Display
- Video: Play, Pause

**Menu Operation**
- Image Adjustment (Brightness, Contrast, Hue, Sharpness)
- Delete Stored Image
- Time and Date Setting
- Language: English
- USB Mass Storage

**Operating Temperature (Insertion Tube)**
- In Air: -30°C~60°C (-22°F~140°F)
- In Liquid: 10°C~30°C (50°F~86°F)

**Power Supply**
- DC: DC 6V [four AA alkaline batteries]
- AC: 100V~240V

**Operating Time**
- Max. 1.5 hours (with four AA alkaline batteries)

**Weight**
- 480g (without batteries at 1.5m length)

**Carrying Case**
- Hard-sided