

ARTICULATING VIDEO BORESCOPE FOR **TANK CAR WELD INSPECTION****THE BORESCOPE  
YOU NEED TO SEE**

“Even though we only took delivery of our borescope recently, it has already proven very useful in diagnosing and documenting issues with some of our equipment. It is easy to use, provides high quality images, and is now a standard part of our troubleshooting toolkit.”

SENIOR RELIABILITY ENGINEER, PETROCHEMICAL COMPANY

“This was a great addition to our tool cage. We had it in use ten minutes after arrival and it’s been busy ever since.”

RICHARD, MAINTENANCE SUPERVISOR



Pipe weld image taken using the VJ-3 articulating video borescope

Inspection of tank cars can be expensive and time-consuming, but it is critical for safety when transporting hazardous materials. Abrasion, corrosion, cracks, dents, distortions, or defects in welds, are all indicators that an inspection is required.

In the past, performing weld inspections on a tank car with a metal jacket required removal of the jacket. Hours and days were wasted taking off the jacket from the tank car to inspect the welds. No longer. Remote visual inspection with the VJ-3 articulating video borescope solves the problem.

**PROBLEM SOLVED**

The VJ-3 can be used to view inside the jacket, allowing weld integrity inspection, without the need for disassembly. Inspections can be documented using the image capture trigger, to take pictures, or even record video by pressing a button with your thumb. Lighting controls are also nearby to ensure proper illumination of the inspection area.

**AFFORDABLE**

Many of the high-end features a Level III NDT would need are integrated into the VJ-3. Its ergonomic grip and light weight make it the perfect choice when portability is essential. The VJ-3 is an affordable alternative to ultra-high-end video borescopes that pack more bells and whistles than are needed for these types of mandatory tank car inspections.

**TRY IT FREE**

That’s right, free. We will ship you a full-featured VJ-3 articulating video borescope to try at your facility, and we’ll even pay for shipping. You have nothing to lose. We will ship you the high-end VJ-3 for you to test. Contact one of our friendly borescope experts today, we are ready to help you save time and money on your inspections.

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**3.9mm OR 6.0mm DIAMETER**  
Available in lengths from 1.5m to 5.0m to suit any application. All insertion tubes feature our patented EasyGlide, 4-layer Tungsten sheathing for smooth entry and exit, and are IP 67 rated for rugged durability.



**ULTRA-PORTABLE DESIGN**  
No need for a separate monitor. Our lightweight, compact design has a built-in, full-color LCD display. All image capture, storage and processing is handled within the standalone unit, and the rechargeable Li-ion battery delivers up to 4 hours of cord-free run time.



**DIRECT RESPONSE ARTICULATION**  
Designed for responsiveness and accuracy, the direct mechanical articulation never requires calibration, and the camera/LED module stays in place even when your thumb is removed from the joystick.



**UNRIVALED SERVICE AND EXPERTISE**  
The VJ-3 is brought to you by the same team of borescope experts that changed the industry 10 years ago with the world's 1<sup>st</sup> mechanically articulating, joystick-controlled video borescope. Find out why we are still the #1 seller of borescopes in the US.