

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 to allow visual inspection. Hours and days were wasted taking off the jacket from the tank car to inspect the welds. No longer. Remote visual inspection, using 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.

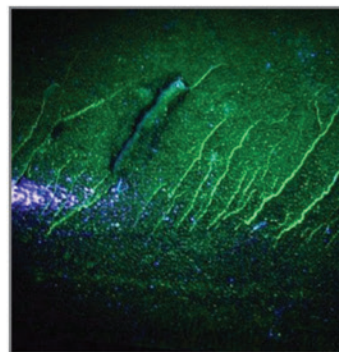
ARTICULATING VIDEO BORESCOPE

**MULTIPLE DIAMETERS**

Available in lengths from 1.0m to 8.0m 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. **Now available in 2.2mm diameter.**

**DUAL CAMERA (DC)**

The VJ-3 Dual Camera is a 6.0mm diameter and has lengths of 1.5m, 3.0m, 5.0m, or 8.0m. The DC assists in viewing forward and 90 degrees. Switch between the two cameras while keeping the borescope inside the inspection area.

**ULTRAVIOLET (UV)**

The VJ-3 UV borescope is a 6.0mm diameter and has lengths of 1.0m and 3.0m. The UV borescope facilitates endoscopic dye penetrant testing by detecting surface defects such as microfractures, delamination, seams, incomplete fusion and other defects in non-porous materials.

**INFRARED (IR)**

The VJ-3 IR borescope is a 6.0mm diameter. Available in lengths of 1.0m and 2.0m. Switch between white LED light or IR light. The IR can light a dark area without being detected by the human eye, allowing for undetectable picture and video capture.