

ARTICULATING VIDEO BORESCOPE FOR **CHEMICAL PROCESSING****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

“Our company has used just about every type of borescope there is, but this one is truly special. Great price and a top quality product, with the lowest cost of ownership for a borescope I have ever seen.”

NDT MANAGER



Bore Hole in Pump



Internal Inspection

RAW MATERIAL INPUT INSPECTION

Invest in the VJ-3 to instill confidence that you are producing a high-quality product. Internal inspections of raw materials ensure that you meet your safety and quality requirements.

EQUIPMENT CALIBRATION

Meet your standards with the VJ-3. Internally inspect equipment with the four-way articulating VJ-3 video borescope to verify that even the hardest-to-reach parts are properly calibrated.

FILTER INSPECTION

Filtration is critical in numerous chemical processing applications. The VJ-3 can inspect for contaminants that interfere with the manufacturing process and provide proper quality control.

HEAT EXCHANGER INSPECTION

The efficiency of your heat exchanger can be affected by corrosion, pitting, FOO, or leakage. The VJ-3 can determine the interior condition of your heat exchanger, regardless of the configuration.

PUMP INSPECTION

The periodic maintenance of pumps usually requires shutting down an entire process. With the VJ-3, all you need is a small access port to perform RVI on every component. No tear down needed.

MIXER INSPECTION

The VJ-3 video borescope's hi-resolution camera is perfect for documenting any chips or other damage on blades of industrial mixers.

TUBING INSPECTION

Many liquids pass through tubing, which is why using a VJ-3 to scope out any FOO or cracks in the sidewalls is important to ensure no impurities are present.

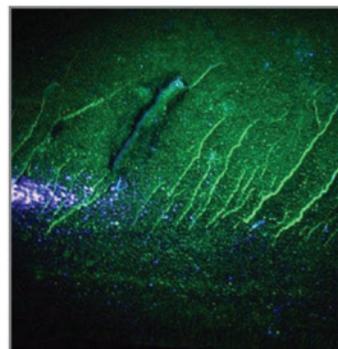
ARTICULATING VIDEO BORESCOPE

**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.