

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 FOR **CHEMICAL PROCESSING**



Full-Color, IPS Anti-Glare LCD Display

High-Capacity SD Storage and USB Connectivity

Joystick-Controlled, 360° Camera Articulation

Video Start-Stop

Ergonomic Pistol Grip Design

IP 54 Base Unit

Rechargeable Li-ion Battery 4 Hour Runtime

On-Board Image Processing

4X Digital Zoom

Image Capture Trigger

Tungsten Braided IP 67 Insertion Tube

Up To 20,000 Lux, 6-Stage LED Illumination



3.9mm OR 6.0mm DIAMETER

Available in lengths from 1.5m 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.



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 1st mechanically articulating, joystick-controlled video borescope. Find out why we are still the #1 seller of borescopes in the US.