

ARTICULATING VIDEO BORESCOPE FOR **HEAT EXCHANGERS/TUBING****THE BORESCOPE**
YOU NEED TO SEE

"I just love the portability and design of your borescope! We use it more than any of the other scopes at the facility. The 5.0 meter unit handles 90% of my inspection needs. Thanks for the great video borescope!"

ENGINEER, DOMINION NUCLEAR POWER

"We manufacture heat exchangers. In the past, after we sealed up the tank, we had no way of doing a final inspection to look for any debris. One time, that mistake cost us a whole project, but now, with your borescope, we have 100% confidence that we didn't miss a thing."

QUALITY CONTROL, HEAT EXCHANGER MANUFACTURING COMPANY



Heat Exchangers



Internal Inspection

HEAT EXCHANGER INSPECTION

The efficiency of your boiler tubes or heat exchangers can be adversely affected by corrosion, pitting, loose debris, or leakage. The VJ-3 articulating video borescope is ergonomic and easy to use, and can quickly inspect heat exchangers and tubing for pitting, cracking, corrosion, erosion, weld integrity, and tube blockages, while minimizing downtime and optimizing planned maintenance.

BOILER TUBE INSPECTION

Borescope inspection of the interior of boiler tubes can easily show common problems such as corrosion, cracking, scale deposits and more. By conducting regular boiler tube inspections, with the VJ-3 video borescope, you can easily identify wear, corrosion, blockage, and other problems so you can stay ahead of issues that may cause downtime. The VJ-3's joystick controlled articulation ensures you will not miss any problem areas.

CONDENSER TUBE INSPECTION

Condenser tubes are specifically designed to efficiently condense process fluid off of the outside of the tube. Effective use of a borescope can visually determine if there is any scale formation, copper corrosion, or biological fouling. Record your inspections to track the condition of condenser tubes over time to allow for early detection of failing tubes.

ARTICULATING VIDEO BORESCOPE FOR **HEAT EXCHANGERS/TUBING**



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.