

ARTICULATING VIDEO BORESCOPE FOR **WIND TURBINES****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 scope works just as well as any of the much higher priced scopes out there, and the image quality is as good as anything we have seen in the past.”

PRESIDENT, GROUND POWER GENERATION REPAIR COMPANY



Bearing Inspection



Gearbox Inspection

GEARBOX INSPECTION

Use the VJ-3's joystick-controller to steer and point the camera at exactly the right area to inspect gear teeth, races, and bearings. With built-in image capture, you can document the condition of problem areas over time and make a rebuild/replace decision before a catastrophic failure.

BEARING INSPECTION

It is hard to imagine an industrial process or piece of equipment that doesn't have bearings. Performing their intended function day after day, week after week—until they reach their breaking point and the entire process or machine comes to a (literally) grinding halt. By incorporating the VJ-3 borescope into your regular maintenance protocol, you can catch problem bearing surfaces before they fail.

GENERATOR INSPECTION

Generators are important pieces of machinery that need to be properly maintained and repaired to ensure maximum service life and safety. Non destructive remote visual inspection of generators with a video borescope is a cost effective and efficient way to inspect without having to disassemble.

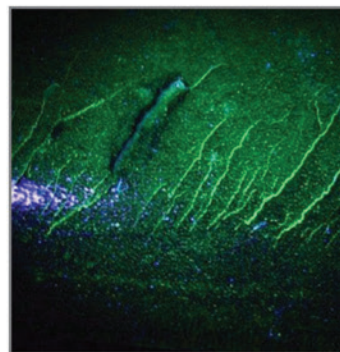
ARTICULATING VIDEO BORESCOPE

**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.