



R-2000 Dual Cam Borehole Video Inspection System

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Full Function Joystick Operates Camera View, Controls, Lights and Rotation

R-2000 DUAL CAM

Downhole and side-view color video inspection system for water wells, boreholes and monitor wells

The R-2000 DUAL CAM provides a comprehensive, detailed survey of water wells, boreholes, underground storage tanks and mine shafts measuring 3"-30" in diameter to depths of 5,000 feet. In addition to the standard downhole view, it offers a side-view perspective with continuous 360° rotation (and no external moving parts).

APPLICATIONS

Suited for the groundwater industry, gas, oil and mining companies, public works officials, miners, environmentalists and remediation sites, helping pinpoint problems in:

- Water Wells Locate corroded casings, infiltration, obstructions, offset casings and encrustations
- Find lost tools and pump parts
- Verify success of repairs and cleanings
- Analyze gravel packs and casing damages
- Determine if wells can be rehabilitated
- Boreholes/Monitor Wells Determine chemical/mineral content from soil coloration
- Analyze geologic strata/ground formations
- Detect damage in underground petroleum storage tanks and piping, drilling fluid disposal pits, injection wells, brine evaporation pits and retired gas and oil production wells
- Provide visual proof of compliance with government regulations

- * Provides sharp color images with two lenses
- * Specially designed long-life L.E.D. lighting
- * Easily retrofit to single conductor video inspection systems
- * Slimmer design, lightweight and easy to handle
- * Suitable for high temperature environments
- * Sealed housing prevents condensation and water intrusion
- * Joystick control for easy operation and full-function, one-hand operator control.

CAMERA SPECIFICATIONS:

Camera diameter:	2.35 inches (60mm) O.D.
Overall camera length:	24.25 inches (660mm)
Housing:	Stainless steel
Lens:	Scratch-proof sapphire glass viewing port
Power requirements:	100-200 volts DC at 50 watts (at maximum brightness)
Total camera weight:	under 14 lbs. (6.5kg)
Pressure rating:	Pressure tested and waterproof to 2,500 psi
Camera connector:	Water-blocked; LUS cablehead with UHF coaxial connector
Scanning system:	525 line, 60 Hz NTSC or 625 line, 50 Hz PAL standard
Operating temperature:	0° to 65° C (32° to 150°F)
Remote functions:	Camera view (select downhole or side-view); Rotation (clockwise or counter-clockwise); Variable rotation speeds