

Borehole Inspection Camera with 360° Rotating Probe

This borehole camera system is designed for detailed visual inspection of boreholes and wells. It features a high-resolution camera probe with adjustable lighting and a motorized cable reel for controlled deployment and retrieval.



ADDITIONAL IMAGES



Overview

Professional Borehole Inspection System

This high-performance borehole camera system is engineered for detailed visual assessment of wells, boreholes, and confined spaces. Featuring a 360° rotating probe and a high-resolution 1200-line CMOS camera, it provides comprehensive coverage and clear imaging for geological surveys and infrastructure inspections. The system is built for durability with a 15 MPa pressure rating, allowing for reliable operation at depths of up to 1500 meters.

Camera Probe

Rotation Range

360°

Circle Turn

180°

Horizontal Turn

Camera Specifications

Feature	Specification
Camera Size	90 mm \pm
Material	304 Stainless Steel
Lens Material	Explosion-proof Optical Glass
Sensor	CMOS 1200 line
Pressure Resistance	15 MPa (up to 1500m depth)

Illumination

- Front: 18 highlight patch lamp beads
- Rear: 16 strong LED light source lamp beads
- 5-level adjustable brightness via main box

Display Unit

Monitor Specifications

Parameter	Value
Screen Size	12-inch LCD
Dimensions	291 x 251 x 48 mm
Resolution	1024 x 768
Aspect Ratio	4:3
Brightness	1000 CD/í
Contrast	500:1

Supported Color Systems

PAL, NTSC, SECAM

Cable & Winch

Winch Operation

Electric • Manual

Logging Cable Details

- Material: Modified Polypropylene
- Anti-Pull Capacity: 280 kg
- Outside Diameter: 8.2 mm
- Heat Resistance: Up to 70°C

Power Supply

Operating Voltage

12 V DC