

Borehole Inspection Camera with Display

This borehole inspection camera is designed for drilling hole inspections. It features a built-in display screen, probe interface, and voltage switch.



Overview

Industrial Borehole Inspection System

This highly integrated borehole inspection camera features a patented rotary probe design with an ultra-wide-angle lens for panoramic well and wall inspection. The system is designed for professional use in complex environments, offering high-resolution imaging and versatile power input options of 220V or 380V. Its portable design and compatibility with digital acquisition systems make it an essential tool for precise underground diagnostics.

Technical Specifications

Probe Diameter	80 mm
Horizontal Resolution	850 lines
Image Accuracy	0.1 mm
Observation Distance	10cm - 5m
Sensor Type	1/3 SONY CCD
LED Color Temperature	4000 K

Operating Features

System Capabilities

- Automatic lens focusing
- Rotary panoramic display
- Digital acquisition and storage support
- Separable probe and control box
- Integrated cable counter

Cable Maintenance Warning

Strict care must be taken to protect the cable during operation, especially when descending below 100 meters. Ensure the winch does not cause cable crossover, squeeze, or pressure, which could lead to short circuits and system damage. Artificial auxiliary cable pulling is recommended when necessary to prevent ground dragging and extrusion.

Power Supply Voltage	220V, 380V
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