

Borehole Full Wall Imaging System

This system uses a reflective axicon lens to capture 360° images of borehole walls. Computer processing creates a continuous, developed image of the hole wall.



ADDITIONAL IMAGES



Overview

Comprehensive Borehole Analysis

The Borehole Full Wall Imaging System is a professional-grade instrument designed for detailed subsurface investigation. It provides high-resolution, 360-degree imaging of borehole walls, enabling precise characterization of geological formations, fracture widths, and stratum thickness. Equipped with real-time depth measurement and advanced processing capabilities, this system is an essential tool for geotechnical engineering, mineral exploration, and environmental site assessments.

Imaging Capabilities

Viewing Angle	360°
Resolution	450TVL
Lighting System	Built-in K3200° Trichromatic Lighting Ring

Technical Specifications

Adapted Hole Depth	300 mm
Probe Diameter	70 mm
Adaptation Aperture	Æ75~Æ800
Power Supply	AC220V±10% 50Hz
Video Output	1Vp-p PAL TV Signal 75©

Software & Compatibility

Software Functionality

- Image and literal text marking
- Interpretation lines on images
- Real-time display of position and depth
- Convolution rotation
- Inclination calculation
- Stratum thickness and crack width measurement

Operating System

Win2000, XP