

# delivering **DURABILITY**

Inspect water wells and other boreholes at depths up to 1200' with the durable and compact Explorer. This fully integrated system sets up easily with one operator to streamline well evaluations and minimize operating costs.

## EXPLORER



### Clear View

- Access 2-12' boreholes up to 1200' deep
- Side view/down view with 360° rotation for complete visibility
- Focus and iris adjustment to capture quality video in low light
- Integrated DVR records to USB flash drive, with snapshot photo capture tilting

### Compact Design

- Compact cart with 16" (400 mm) wheels for easy maneuvering
- Mobile design for operation in limited-access areas
- 1.75" (45 mm) diameter camera
- Weight: 150 lbs. (68 kg); camera only, 6 lbs. (2.7 kg)

### Durable Construction

- Low maintenance
- Rugged design with powder-coated steel cart
- Stainless steel camera housing with scratch resistant lens
- Kevlar® reinforced single conductor cable with 1200 lbs. (600 kg) tensile strength

# EXPLORER

## Specifications

### Fully Integrated

The Explorer is an integrated, portable system for quickly inspecting water wells and other boreholes. Compact and user-friendly, it helps identify issues before they become more serious.

### Model EX1210

#### Cart with Winch, Cable Reel, & Boom:

##### Winch/Cable

- Electric winch drum with single-conductor Kevlar® braided coaxial cable
- Automatic level wind system

##### Cable Reel

- Variable-speed motor control, up to 40 feet-per-minute (12 m/minute)
- Chain drive with emergency rewind handle

##### Power

- 12 VDC rechargeable battery, 3- to 5-hour continuous operation at full charge; or 120 VAC/60 Hz; or 240 VAC/50 Hz

##### Boom Arm

- Aluminum with foot support, adjustable for extension to 48" (1.2 m)

##### Wheels

- 16" (400 mm); removable

##### Weight

- Complete unit: approximately 150 lbs. (68 kg)
- Camera only: 6 lbs. (2.7 kg)

#### Control Unit and Monitor:

##### Screen

- 8" (200 mm) LCD; sunlight readable

##### Recording

- NTSC or PAL format with Snapshot Photo Capture
- Integrated DVR records to USB flash drive

##### Data

- On-screen date/time, depth counter (feet or meters)
- Fault annotation & audio (microphone)

#### Dual View Camera:

Color module with dual CCD imager, low-light sensitive, 480 TVL lines resolution downhole camera, 86° wide angle view; side view, 360° continuous scanning

##### Iris & Focus

- Iris switch, open/close for both views; focus switch, near/far for both views

##### Lighting

- Forward viewing LED array with adjustable intensities

##### Seal Rating

- 1200" (400 m) below water, 600 psi (41.4 bar)

##### Material

- 300 Series stainless steel; Scratch-resistant lens

**ARIES**

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raising the bar  
**UNDERGROUND**