Downwell Camera Systems

**Laval SC-350 & SC-500 Borehole Cameras**

Down well camera systems are portable video devices designed to inspect water wells and boreholes. They feature a high pressure rated camera, innovative imaging sensor, high-output LED illumination, and a durable insertion cable capable of conducting well surveys up to 500' deep.

**FEATURES**

- Light weight, compact and portable
- Reinforced Kevlar coaxial cable
- Wide field of view – Downward facing camera
- On-screen depth counter
- Auxiliary power cable

**SYSTEM INCLUDES**

- SC-166 Camera
- Hand-operated Winch
- 350’ or 500’ of cable
- Control Console
- 7” LCD Color Monitor
- Quick Start Guide

**OPTIONAL**

- Tripod with Depth Encoder
- 9” Touch Screen Monitor with 16GB SD Card

**SPECIFICATIONS**

**SC-166 CAMERA**

- Camera Diameter: 1.66 inches (4.22 cm) O.D.
- Overall Camera Length: 16.5 inches (42 cm)
- Housing: Stainless steel
- Lens: BK-7 glass
- Power Supply: 12VDC
- Total Camera Weight: 9 lbs. (4.1 kg)
- Pressure Rating: Pressure tested and waterproof to 750 psi
- Camera Resolution: Downhole greater than or equal to 540 TVL (both NTSC and PAL)
- Operating Temperature: 0° to 50°C (32° to 122°F)
- LED Lighting: 18 High intensity, long life, shock proof LEDs

**SC-350 & SC-500 WINCH**

- Cable: 350 feet (107 meters) or 500 feet (152 meters) of Kevlar reinforced coaxial cable
- Cable Head: Detachable Laval Quick-Connect Cable Head, pressure rated to 5,000 PSI with built-in strain relief
- Drive: Manual hand-crank reel with collapsible handle for maximum portability
- Power Supply: 12VDC power cable, optional 12V battery pack or 120VAC/220VAC adaptor
- Brake: Interlocking, manual brake with actuator lever for 360 degree stopping capability
- Dimensions: 17 inches high (43 cm), 15.5 inches wide (40 cm), 15 inches deep (39 cm)
- Weight: 30 lbs. (13.6 kg) with 350 feet (107 m) or 33 lbs. (15 kg) with 500 feet (152 m)
- Monitor: 7 inch LCD color monitor with adjustable mounting bracket
- Video Output: RCA composite video output

**OPTIONAL**

- Depth Counter: Encoder ready, on-screen depth display measured in feet and tenths or meters with optional tripod
- Tripod: Optional tripod with telescoping legs extends from 33 inches (84 cm) to 48 inches (122 cm) with adjustable sheave roller. Optional Optical Depth Encoder, counter wheel, and connecting cables available
- 9 Inch Monitor DVR: Maximize the viewing area while storing survey footage

**CALL GEOTECH TODAY (800) 833-7958**

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