

Downwell Camera Systems

Laval SC-350 & SC-500 Borehole Cameras

Down well camera systems are portable video device 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

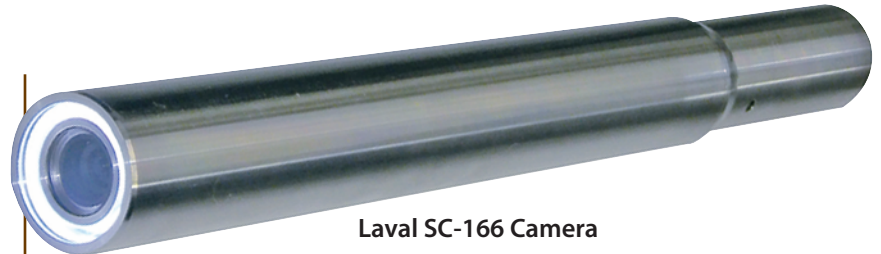
- Light weight, compact and portable
- Reinforced Kevlar coaxial cable
- Wide field of view – Downward facing camera
- On-screen depth counter
- Auxiliary power cable

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



Laval SC-166 Camera

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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