

SC-350 SYSTEM TECH SPECS

SC-350

Portable Camera System for
Water Wells and Boreholes from
50 mm to 250 mm



- Ultra-Light, Compact and Portable
- Survey Water Wells, Boreholes, and Vertical Shafts from 50 millimetres to 250 millimetres
- Manually Operated Winch with Collapsible Handle
- Braking System allows 360 degree Stopping Capability
- Standard System Includes: Winch, Control Centre, Monitor, Camera, and Power Cable
- Completely Compatible with R-Cam Product Series, easily upgrade the system or compliment an existing R-Cam
- Full Line of SC-350 Accessories including Depth-Counter Tripod Assembly Available



L.A.V.A.L.
UNDERGROUND
SURVEYS

BOREHOLE CAMERA SC-350 & SC-500



SC-166 CAMERA SPECIFICATIONS

- **Camera Diameter:** 42.2 millimetres O.D.
- **Overall Camera Length:** 420 millimetres
- **Housing:** Stainless steel
- **Lens:** BK-7 glass
- **Total Camera Weight:** 4.1 kg
- **Pressure Rating:** Pressure tested and waterproof to 5MPa
- **Camera Resolution:** Downhole greater than or equal to 540 TVL (both NTSC and PAL)
- **Operating Temperature:** 0° to 50° C
- **LED Lighting:** 18 High intensity, long life, shock proof LEDs

SC-350 & SC-500 WINCH SPECIFICATIONS

- **Cable:** 350 feet (107 metres) or 500 feet (152 metres) 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:** 430 mm High, 400 mm Wide, 390 mm Deep
- **Weight:** 10 kg without cable. 13.6 kg with 350 feet (107 metres) and 15 kg with 500 feet (152 metres)
- **Monitor:** 7 inch LCD Color Monitor with Adjustable Mounting Bracket
- **Depth Counter:** Encoder Ready, On-screen Depth Display measured in feet and tenths or metres with Optional Tripod
- **Tripod:** Optional Tripod with Telescoping Legs extends from 840 millimetres to 1,220 millimetres with Adjustable Sheave Roller. Optional Optical Depth Encoder, Counter Wheel, and Connecting Cables Available
- **Video Output:** RCA Composite Video Output

