

SC-350 PORTABLE CAMERA SYSTEM

The SC-350 is an ultra-light, compact camera system with the SC-166 water well camera designed for water wells, boreholes, and vertical shafts from 2 inches (5 cm) to 10 inches (25 cm) in diameter. Additional lighting accessories are available to expand the viewing capabilities. The winch is manually operated with a collapsible handle to make it completely compact, portable, and easy to ship. The brake lever allows the user to stop the reel at any point for a thorough inspection.

The system comes standard with the winch, control center, monitor, SC-166 Camera, and power cable. The SC-350 is also compatible with the R-Cam line of equipment which allows the option to upgrade to an R-Cam System or compliment their existing R-Cam.



SC-350 System

Features

- Ultra-light, compact and portable.
- Survey water wells, boreholes, and vertical shafts from 2 inches (5 cm) to 10 inches (25 cm).
- 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.



SC-166 Camera Probe



SPECIFICATIONS

SC-166 Camera Specifications

- **Diameter:** 1.66 inches (4.22 cm) O.D.
- **Overall Camera Length:** 16.5 inches (42 cm)
- **Housing:** Stainless steel
- **Lens:** BK-7 Glass
- **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 WINCH Specifications

- **Cable:** 350 feet (107 m) or 500 feet (152 m) of Kevlar-reinforced coaxial cable.
- **Cable Head:** Detachable 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 adapter.
- **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:** 22 lbs (10 kg) without cable. 30 lbs (13.6 kg) with 350 feet (107 m) and 33 lbs (15 kg) with 500 feet (152 m)
- **Monitor:** 7 inch LCD colour monitor with adjustable mounting bracket.
- **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.
- **Video Output:** RCA composite video output.

