

## PHANTOM 300 ROV



**APPLICATION:** The remotely operated vehicle (ROV) is a tethered underwater vehicle controlled by an operator topside and used for remote video documentation, search, and sample/data collection. ROVs are commonly used for missions where depths or dive durations are inaccessible by scuba, or an expensive, highly technical submersible is not required. ROVs can work independently or as a support tool for wet-diving or submersible operations.

**DESCRIPTION:** The Phantom 300 ROV is a small, lightweight, highly portable system used for video documentation only from a variety of support platforms. It has extremely limited payload capabilities and no spare wires for power to external instrumentation. Skilled technicians can be provided, however, the controls for the Phantom 300 are very simple and user friendly making it easy to use by inexperienced researchers. The Phantom 300 has a Sony zoom color camera on a tilt platform and fixed lights. The cable is 250 feet long allowing access to depths of 200 feet seawater. The Phantom 300 requires 2KVA of 110 VAC power, a regular house-type receptacle plug, and a minimal 15-amp circuit breaker.