

- **6 Direct Drive Brushless DC Thrusters (No shaft Seals)**
- **Mission Configurable Thruster Arrangements**
- **Automatic Heading, Depth & Pitch Control**
- **Designed for Tooling and Skid Package Integrations**
- **Focus on Tool-free Operation and Maintenance**
- **Lightweight & Portable ROV & Console**
- **Continuous Operation on AC Power (No Batteries)**



Note: Items not to scale

UNDER WATER ROBOT (UWR-1500)

- **6 ea. 390W (11.6lb Max Thrust) Direct Drive Brushless Thrusters with *Tool-free Quick Release***
- Front Camera UWC-360 HD Camera
- Rear Fixed HD Video Camera w/Light
- 2 ea. High-Powered UWL-505 LED Lights
10,000 lumens total (5,000 lumens each)
- T-slot Front Rails for ***versatile mounting options***
- ***Tool-free*** design focus for simple maintenance
- Assembly & Maintenance instructions carved into the frame for quick & easy reference
- ***Mission Specific Thruster Arrangements*** are easily configured on the vehicle and control interface

Size..... 24.5 in. L x 17.5 in. W x 10.7 in. H
(62 cm. L x 44.5 cm. W x 27 cm. H)

Weight in air..... 37 lbs. (16.8 kg.)

Payload Capacity..... 10 lbs. (4.5 kg.)

Depth Rating..... **2,000 ft. (610 m.)**

HAND CONTROLLER (HC-100)

- Intuitive functionality for novice users with a depth of control capabilities for professional pilots
- ROV specific control layout
- Fully labeled buttons and switches
- Integrated two function manipulator control
- Industrial joystick, buttons, switches & knobs

Size..... 5 in. L x 9 in. W x 4.5 in H
(13 cm. L x 23 cm. W x 11.4 cm. H)

Weight..... 1.7 lbs. (0.8 kg.)

CONSOLE (CON-1700)

Size..... 16.5 in. L x 21.5 in. W x 11.5 in. H
(41.9 cm. L x 54.6 cm. W x 29.2 cm. H)

Weight..... 48.6 lb. (22.1 kg.)

Input Voltage..... 100-240 VAC (50/60 Hz)

Output Power..... 3,500 Watt (Max)

Voltage Out to ROV..... 400 VDC (Max)

Includes: Video Overlay, Time/Date, Depth, Heading, Custom Text & Logos.

Includes 18.5", 2000nit (sunlight readable), LCD monitor.

TETHER (2 Options) Neutrally Buoyant

Standard: C3607 (max length = 330 ft.)

Size..... 0.375 in. (9.5 mm.) ϕ x 330 ft. (100 m.) L

Breaking Strength..... 500 lbs. (227 kg.)

Wiring..... 5 ea. #26 AWG TP + 2 ea. #24 AWG TP

Option: C3407 (max length = 2,000 ft.)

Size..... 0.55 in. (14 mm.) ϕ x 330 ft. (100 m.) L

Breaking Strength..... 1,000 lbs. (450 kg.)

Wiring..... CAT5E & 12 ea. #22 AWG

OPTIONS:

- Numerous Sonar Integration Options
- DVL for Station Keeping, USBL for Underwater GPS
- Single or Dual Function Manipulators
- Underwater Grinders, CP probes
- Additional Lights and Cameras
- Tether Management Reel Options
- Customer Specified Tether Length (2000ft Max)
All systems with tethers exceeding 850 ft default to SD video.