

- **High-Tech Magnetically-Coupled Thrusters**
- **Color Tilting Camera** (fwd) (.001 lux. 750 line), **Fixed Camera** (rear)
- **Video Overlay** (Time/Date, Depth and Compass, and text)
- **All Digital Control of Lights, Cameras, Thrusters and Manipulator**



### VEHICLE

The ROV contains the following:

- 4 ea. 1 HP Brushless Thrusters
- 1 ea. UWC-360 Tilting Color Video Camera
- 1 ea. Fixed UWC-325 Color Video Camera
- 2 ea. High-Powered UWL-505 LED Lights  
8600 lumens total (4300 lumens each)

#### **MECHANICAL:**

Dimensions.....28 in. L x 18in. W x 15 in. H  
(71 cm L x 46 cm W x 38 cm H)

Weight in air.....55 lbs. (25 kg)

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

Depth Rating.....1000 ft. (300 m)

Thrust (per thruster).....0-41 lbs. (variable)

#### **ELECTRICAL:**

Input/Thruster Voltage.....300 VDC

### CABLE (C-3405)

#### **MECHANICAL:**

Size.....0.55 in (14 mm) dia. x 500 ft. (150 m) long

Breaking strength.....1000 lbs. (450 kg)

Jacket.....80 Mil Thick Green Cellular Polyurethane

Weight in seawater.....Neutral

#### **ELECTRICAL:**

CAT5E.....4 Twisted Pair; #24 AWG

Conductors.....12 ea. #22 AWG

### Power Supply & Controller

#### (PS-1080 & CON-1050)

#### **CON-1050, MECHANICAL:**

Size.....23" W x 10" H x 20" D (58 x 25 x 51 cm)

Weight.....36 lbs. (16.3 kg)

#### **PS-1080, MECHANICAL:**

Size.....23" W x 10" H x 20" D (58 x 25 x 51 cm)

Weight.....42 lbs. (19 kg)

#### **ELECTRICAL:**

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

Input Power.....2000 Watt (MAX)

Power Out to ROV.....300 VDC @ 12 amps (MAX)

Video Overlay, Time/Date, Depth, Heading, Text.  
Includes 15", 2000 nit, LCD monitor.

### HAND CONTROLLER (HC-2000)

#### **MECHANICAL:**

Size.....9" W x 5" D x 4.5" H (23 x 13 x 11 cm)

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

#### **ELECTRICAL:**

Input Voltage (from Power Supply unit).....12 VDC

Data out to Vehicle.....RS-485