

POTABLE WATER CONFIGURATION

PRO 4 PW 300XR

THE PRO 4 PW 300XR Potable Water ROV System has been specifically configured for water districts and water tank inspectors to quickly and effectively perform a variety of basic underwater inspection tasks in rugged environments where gear takes a beating. The Control Panel is equipped with a rugged Toughbook computer and the submersible aluminum is finished with an impervious CERAKOTE finish for harsh environments. The easily deployable ROV, which can fit in a backpack for a long climb to the top of a tank, can eliminate the risk of human contamination and exposing divers to unsafe conditions. An externally mountable second camera is included to give your VideoRay another set of eyes in any direction, a vital accessory when surveying hard-to-reach spaces such as interior roofing structures.



SYSTEM COMPONENTS

- » Pro 4 ROV Submersible - CERAKOTE Finish
- » Pro 4 Control Panel (monitor not included)
- » Toughbook Computer -10.5-Inch Display
VideoRay Cockpit Control Software Included
- » Wireless Programmable Hand Controller
- » Rugged Programmable Hand Controller
- » Extended Capacity Tether Deployment System
- » Plug and Play Modular Tether:
 - 100 m (330 ft) Neutrally Buoyant Performance
 - 100 m (330 ft) Negatively Buoyant Standard
- » Second Externally Mountable Camera
- » Pelican 1620 Hard Case with Custom Packaging
- » Basic Tool Kit with Complete Ballast Set
- » Owners Manual
- » Sunshade
- » Three (3) Days of Open Enrollment Training for one operator



PHOTO: MBA TANKS



GENERAL SYSTEM

Power Requirements	100-240 VAC
Total System Weight	79 kg (175 lb)
Cases	3 Watertight Rugged Pelican Cases
Owners Manual	Hard Copy & Online Digital
System Tool Kit	Basic Tool Kit
Communications Protocol	RS-485
Warranty	2 Year Limited

SUBMERSIBLE (CERAKOTE Finish)

Depth Rating	3 05 m (1,000 ft)
Size	37.5, 28.9 22.3 cm (14.75, 11.4, 8.75 in)
Weight	6.1 kg (13.5 lb) [with Full Ballast Set] (sonar head is additional 2.3 kg (5 lb))
Ballast	(No Tools Required) Ballast System with Complete Stainless Ballast Set

PROPULSION (4.2 Knots Maximum Speed)

Horizontal/Vertical	2 Brushless/1 Brushless Direct Drive/Geared 100 mm Propellers/65 mm Propeller
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CAMERA

Main	High Resolution - NTSC or PAL Format Color and B&W Wide Dynamic Range Digital Slow Shutter White Balance 20+ Real Time Camera Settings
Sensitivity	Color Mode: .004 lux B&W Mode: .0001 lux
View Angle	90° Horizontal/140° Diagonal
Vertical Tilt	180° Control

LIGHTING

(2) LED Array with 32 Emitters 3,600 lumens	Beam Spread covers entire range of Main Camera
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INTEGRATED SENSORS

3D-Tilt Compensated Compass	Leak Indicator	Volt Meter
Accelerometer	Water Temperature	Depth Sensor
MEMS Gyro	Internal Temperature	

CONTROL PANEL

Size	53, 43, 22 cm (21, 17, 8.5 in)
Weight	16 kg (35 lb)
Computer	Toughbook Computer with swivel display - 10.5 inch
Software	Programmed with complete suite of VideoRay Cockpit Control software
Main Display	Available as an Option
Controller	Rugged USB Programmable Hand Controller and Wireless USB Programmable Hand Controller
Recording	Integrated Recording (.WMV, .AVI formats) One Button Hand-Controlled Video and Still Image Recording
Overlay	Date, Time, Depth, Heading, Customized Text, Logo
Video Out	Digital or Analog Composite

TETHER

Length	200 m (660 ft) total length, Plug and Play Tether divided into: (1) 100 m (330 ft) Standard Neutral Buoyancy Tether 10 mm diameter, 454 kg (1,000 lb) breaking strength (1) 100 m (330 ft) Extension Negative Buoyancy Tether 8 mm diameter, 454 kg (1,000 lb) breaking strength
Management	Extended Capacity Tether Deployment System Enclosed in a Pelican 1620 Case with slip ring

INTEGRATED ACCESSORIES

Externally Mountable High-Resolution Color Camera with integrated LED Ring

INQUIRE WITH AN AUTHORIZED SALES REPRESENTATIVE ABOUT ADDITIONAL AVAILABLE ACCESSORIES FOR THIS ROV SYSTEM

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