

OIL AND GAS CONFIGURATION

PRO 4 OG 300R

THE PRO 4 OG 300R Offshore ROV System has been specifically configured for Oil & Gas production, discovery and service organizations to quickly and effectively perform a variety of basic underwater inspection tasks in rugged environments where gear takes a beating. The standard computer from the BASE Offshore system is replaced with a rugged Toughbook computer and adds an industrial hand controller. These cost effective "disposable" ROV systems have been proven as invaluable tools offshore and with pressures on companies to do shallow inspections (300m (1,000 ft) or less) more often, more safely, and cost effectively, VideoRays are becoming the "Go To" ROV.



SYSTEM COMPONENTS

- » Pro 4 ROV Submersible
- » Pro 4 Control Panel (monitor not included)
- » Toughbook computer - 10.5 inch display
VideoRay Cockpit Control Software Included
- » Rugged Programmable Hand Controller
- » Standard Capacity Tether Deployment System
- » Plug and Play Modular Tether:
 - 152 m (500 ft) Negatively Buoyant
 - 40 m (130 ft) Neutrally Buoyant Performance
- » Pelican 1620 Hard Case with Custom Packaging
- » Basic Tool Kit with Complete Ballast Set
- » Sunshade
- » Owners Manual
- » Three (3) Days of Open Enrollment Training for One Operator



PHOTO: STEVE VAN METER



GENERAL SYSTEM

Power Requirements	100-240 VAC
Total System Weight	71.2 kg (157 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

Depth Rating	305 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]
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
Sensitivity	20+ Real Time Camera Settings 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	Operating Volt Meter
Accelerometer	Water Temperature	
MEMS Gyro	Internal Temperature	

CONTROL PANEL

Size	53, 43, 22 cm (21, 17, 8.5 in)
Weight	16 kg (35 lb)
Computer	Toughbook computer 10.5-inch swivel display
Software	Programmed with complete suite of VideoRay Cockpit Control software
Main Display	Available as an Option
Controller	Rugged 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	192 m (630 ft) total length, Modular Plug and Play Tether segments including: -40 m (130 ft) Performance Neutral Buoyancy Tether 10 mm diameter, 454 kg (1,000 lb) breaking strength -152 m (500 ft) Extension Negative Buoyancy Tether 8 mm diameter, 454 kg (1,000 lbs) breaking strength
Management	Standard Capacity Tether Deployment System Enclosed in a Pelican 1620 Case with slip ring

INTEGRATED ACCESSORIES

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

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