



ROV FALCON

GENERAL INFO

Powered by a single-phase 110/230 VAC supply, Falcon is lightweight and portable for easy deployment, and comes rated to a depth of 1000m for the DR version. Five powerful thrusters provide precise control and maintain a stable platform in strong currents and turbulent waters. The Falcon is user-friendly because of the use of touchscreen and joystick technology



ROV Falcon

Depth rating

1000 msw

Length

1055 mm

Height

555 mm

Width

600 mm

Forward thrust

42 kgf

Lateral thrust

25 kgf

Vertical thrust

13 kgf

Speed knots

>3

Weight in air

100 kg

Payload

15 kg

Thruster

Type

SI-MCT01

Horizontal

4

Vertical

1



Applications

- Auto-depth
- Auto-heading
- 2 video channels
- FO video transmission
- 2 LED lights (standard quantity)
- Tilt platform
- iCON

BlueView 2D Imaging Sonar

- Depth rating: 1000 m
- Field-of View: 130°
- Max Range: 100 m (328ft)
- Beam width: 1° (horizontal) 12° (vertical)
- Range Resolution: 1.3 cm (0.54 inch)

Ultrasonic Thickness Gauge with Communicator Software

- Accuracy: 0.1 mm (0.005") or 0.05 mm (0.002")
- Coating Rang: Up to 6 mm (standard mode), up to 20 mm (Coating plus+ mode)

Zero-Thrust Cavitation Cleaning Lance

Underwater cleaning up to 300 bar/4350 psi

Electric High Pressure Pro Cart

- Power: 30 kW/40.8 HP
- Design Pressure: 300 bar/40.8 HP
- Dimensions: 1200 x 750 x 900 mm
- Flow pump: 43 LMP/11.4 GPM

Typical manipulator function

1f or 5f

Power input phases

Single

Voltage

110/230 Vac

Frequency

50/60 Hz

Surface equipment

- 22" detachable daylight viewable touchscreen
- Customizable screen layouts
- Data display
- Storage for multiple layouts
- Digital graphics & analogue video overlay
- Live vehicle diagnostics
- System configuration windows



