



# MINI ROV

## Mini Observation Class Remotely Operated Underwater Vehicle Used for Underwater Survey up to 100 meters Operating Depth

Compact size and lightweight ROV with operation range up to 100m depth. It is perfect to perform and to replace various diver duties. With 1:1 power to weight ratio and equipped with complete line of sensors including digital compass, depth sensor and auto depth-heading holding, MiniROV can complete a wide range of your underwater task.

**Diver Observation**—act as a dive buddy to ensure diver safety and provide assistance.

**Platform Inspection**—from visual inspection to using instruments to monitor the effects of corrosion, fouling, locating cracks, estimating biologic fouling, etc.

**Pipeline Inspection**—follow underwater pipelines to check for leaks, determine overall health of the pipeline and insure the installation is acceptable.

**Surveys**—both visual and acoustic surveys are necessary prior to installing pipe lines, cables, and most offshore installations.

**Drilling Support**—everything from visual inspection, monitoring installation.

### SPECIFICATIONS

**Dimension** : - Length : 576 mm  
- Width : 460 mm  
- Height : 420 mm

**Weight in Air** : 12 kg

**Opt. Depth** : 100 m

**Speed** : 3 knots

**Power** : 1000 watts

#### **Surface Station System:**

- High Brightness LCD Display
- Leak indicator
- Ground Fault Detection
- 3 axis joystick
- Video Recording

#### **Sensors :**

- 1 axis Magnetometer
- 1 axis Gyro
- Pressure Sensor
- 3 position TFCLD

#### **Camera :**

- Outboard HD Camera
- 120 Deg Tilted Forward Sony CCD Camera 570 lines
- Backward Looking Color CCD Camera 420 lines

#### **Thrusters :**

- 3 unit @ 7 kgf thrust thrusters

#### **Lighting :**

- 2 unit @ 50 Watt Halogen lamp