

Applications

- Subsea pipeline inspection

Angel Shark III Laser



Caution! This Laser product is intended for underwater use only

Underwater Laser

The upgraded Imenco Angel Shark III Subsea Laser is the most powerful subsea green-line laser available in the market. Primarily used for subsea pipeline inspections. By mounting two lasers in a fixed bracket, calibrated at a set distance, measurements can be picked out from subsea video.

- 190mW
- 6000msw Depth Rating
- 24V DC

For further information, email
camera.sales.uk@imenco.com

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Technical Specifications

| Electrical | |
|--------------------------------|---|
| Wavelength | 520nm |
| Optical Output Power | 190mW |
| Power Input | 24 V DC (12-36) 2.5w |
| Mechanical | |
| Fan Angle | 60° in air / 45° in water |
| Dimensions | Diameter:74mm (main body) 79mm at front end. Length: 238mm |
| Weight | In air: 2.3kg In water: 1.3kg |
| Housing Material | Titanium |
| Connector | Seacon 5506-1508 (other connector options are available) |
| Port | Sapphire |
| Environmental | |
| Operating Depth | 6000 msw |
| Temperature | Operating: 0°C to 40°C (In Water) Storage: -20°C to 60°C |
| Shock | 30G peak acceleration, 25ms half sine duration, on all three axes |
| Vibration | 10G, from 20 to 150HZ on all three axes |
| Electro-Magnetic Compatibility | BS EN 61000-6-3 2007 Emission and BS EN 61000-6-1 2007 Immunity |

Angel Shark III Laser v 1.2

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