

CATEGORY: ROV Tooling Flooded Member Detection System

Engineered Tooling Solutions *FAST*



The Flooded Member Detection (FMD) system comprises an ROV electronics pod, remote probe, topside interface unit and operating software. This user friendly system provides a real time A-Scan analogue display of the acoustic returns.

The analogue display enables the operator to correctly align the probe and ensure that the return signal is of maximum amplitude and to clearly identify if the member is flooded. The software allows recording of analogue trace and location event details to enable fast and efficient reporting during the project.

The Sonar can be customised with various connector options, communication protocols and two depth ratings.

Features:

- Analogue display
- Acoustic based system
- ROV or diver operated
- User friendly software
- Data recording capability (logging)
- Robust reliable design

Specifications:

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|---------------------------------------|--------------------------|
| • Dimensions - ROV Electronics | Ø70 x160Lmm |
| • Weight in Air- ROV Electronics | 2.1kg |
| • Weight in Seawater- ROV Electronics | 1.5kg |
| • Dimensions - Probe | Ø55 x160Lmm |
| • Weight in Air - Probe | 0.75kg |
| • Weight in Seawater - Probe | 0.5kg |
| • Power | 12-24VDC @ 3.6W |
| • System Operating Frequency | 1MHz |
| • System Operating Range | 1 to 50cm |
| • Communications | RS232, RS485 (38400baud) |

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