

Product specification

Flooded Member Detection System (FMD)

Brand new analogue acoustic FMD system, now available to rent from Ashtead Technology.

The 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 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.



Key Features

- Acoustic Based System
- ROV or Diver operated
- Analogue display
- User friendly software
- Recording capability
- Robust reliable design

Applications

- Subsea structure inspection by ROV, or by diver, using the optional umbilical

Product specification

FMD

Specifications

System Operating Frequency	1 Mhz
System Operating range	1 to 50cm
ROV Electronics	
Communications	RS232, RS485 (38400 baud)
Power	12-24Vdc , 3.6watts
Data/power connector RS485	FCR 1508M
Probe	
Cable length	3m
Topside Interface	
Power	110 - 240VAC / 5 watts

Dimensions

Title	(mm) (LxD)	(inch)	(kg)	(lb)
ROV Electronics	160mm x 70mm	6.3" x 2.8"	2.1kg (in air) 1.5kg (in water)	4.6lb 3.3lb
Probe	160mm x 55mm	6.3" x 2.2"	0.75kg (in air) 0.5kg (in water)	1.7lb 3.3lb
System Shipping	520mm x 430mm x 210mm	20.5" x 17" x 8.3"	11kg	24.3lb

**For further information on our complete range of NDT equipment, please contact us.
Offshore personnel and 24hr technical support service available globally
to support your subsea requirements.**