

HF OIL CONTENT MONITOR

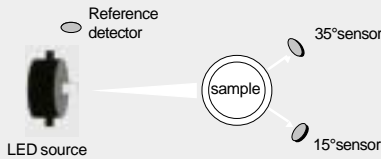
US Coast Guard Tested and Approved In Accordance with MEPC 60 (33) Standards



HF scientific, inc.

HF Oil Content Monitor-US Coast Guard Tested and Approved

Features:



◆ **Automatic Compensation Technology.**
Superior compensation for the presence of solids, fouling, and bubbles.

◆ **Easy Access Flow Through Cell.**
Simple to clean and calibrate. Calibration kit includes Zero and 15 PPM standards for simple use by ship's personnel.

◆ **Easy To Service**
Single PC board design provides simple and fast on-board repair in the event of a failure.

◆ **One Touch Calibration**
Computerized re-calibration accomplished in seconds.

◆ **Made In The USA**

Leading edge micro-electronics technology combined with decades of optical measurement expertise has allowed HF scientific to establish a **new price/performance** threshold for oil content monitoring. The HF OCM incorporates a multi-angle measurement combined with an innovative calculation algorithm to drastically improve the reliability of the system by automatically compensating for bubbles, suspended solids and fouling of the sample chamber. HF Scientific has more than twenty years experience in the Marine Industry with thousands of Oil Content Monitors in successful marine service.

Specifications	
Range:	0-30 ppm, Trend to 50 ppm
Response Time:	1 to 8 seconds
Roll:	Up to 22.5°
Sample Pressure:	0.1 to 8 bar / 1.45 to 116.03 psi
Sample Temp.	1° to 50°C / 32° to 122°F
User Alarms:	2 User programmable to 5 ppm or 15 ppm
User Alarm Rating:	1 Form A Solid State 230 VAC 2A Zero Crossing 1 Form C 230VAC 2A
System Alarm:	Form C 30 VDC 2A
Light Source:	Pre-focused White Light
Display:	Multi-line LCD
Environmental:	
Temperature	0° to 60° C / 32° to 140°F
Humidity	Up to 95%
Vibration	2 to 13.2 Hz ± 1mm amplitude, 13.2 to 80 Hz with acceleration to 7G
Power:	90-250VAC 47/90Hz
Enclosure:	Nema 4X, IP 66
Freight Dimensions	12.5 X 26 X 16 inches, 15 lbs (31.8 X 66 X 40.6 cm, 6.8 Kg)
Certifications:	IMO MEPC 60(33), CE, CSA, UL US Coast Guard Approval No. 162.050 / 3025 / 0

Ordering Information

Catalog No.	Description
19601	HF Oil Content Monitor, 90-240 VAC, Calibration Kit, Desiccant Cartridge and Operators Manual.
Accessories	
19610	Desiccant Cartridge Replacement
19611	Calibration Kit, includes zero and 15 ppm standards.
19612	On-board repair kit, includes: spare PC board with Calibration Kit, optical components and tubing.

Represented By:

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