MARINE OIL WATER SEPERATOR

OCM-12 Portable Oil Water Alarm System

ISO9001 Supplier

Class Certificate

Export Supply

Description: OCM-12 portable water oil monitoring device is a portable testing instrument designed for fast detection of oil in water. The instrument uses low power consumption and long life design. It can be use...



Key Highlights

Category	Marine Oil Water Seperator
Standard	EN
Weight / Size	Model OCM-12 Range 0-99mg/l Accuracy Better Than 2mg/l Linear More than...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Marine Oil Water Seperator	**Model / SKU**	OCM-12-Portable-Oil-Water-Alarm-System
Standard	EN	**Weight / Size**	Model OCM-12 Range 0-99mg/l Accuracy Better Than 2mg/l Linear More than 2% Display LCD Power Supply 5VDC Power 1VA Alarm Point 1-99ppm Adjustable Alarm Point Factory Setting 10mg/l Alarm Instruction Red LED Sample Water Pressure ≤4bar Ambient Temperature -20 to +70℃ Sample Water Temperature 1 to +80℃ Size (overall) 172mmW×160mmH×120mD Protection Grade IP65 Weight 2KG Pipe Connection R 1/4"internal thread
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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Description:

OCM-12 portable water oil monitoring device is a portable testing instrument designed for fast detection of oil in water. The instrument uses low power consumption and long life design. It can be used normally in various places. The instrument has its own working power supply (low voltage lithium battery). The work site does not need to connect the working power. It is convenient to use the sample water directly into the measuring tube of the instrument or directly through the hose at the working site. The concentration of oil in the sample water can be immediately displayed in the sampling pipeline. Do not need to add other chemical reagents, simple operation, rapid detection, oil and petrochemical industry is a good tool for rapid leak detection, oil refining device leakage can be star, is a good helper for inspectors.

Principle:

The principle of infrared light refraction measurement is widely used internationally. A specific wavelength of light source and many different angles of solid-state optical receiver are used to measure the different refraction light and light transmission intensity produced by oil droplets and particles. The optical signal received by the optical receiver is converted into a digital signal through a high precision amplifier and a signal converter, and then the oil content and the particle content are calculated by the microprocessor. The oil concentration is calculated by a specific mathematical function relation, and the interference of the particles is separated out. This greatly improves the detection of the particles. Measurement accuracy.

Technical Data:

Model	OCM-12
Range	0-99mg/l
Accuracy	Better Than 2mg/l
Linear	More than 2%
Display	LCD
Power Supply	5VDC
Power	1VA
Alarm Point	1-99ppm Adjustable
Alarm Point Factory Setting	10mg/l
Alarm Instruction	Red LED
Sample Water Pressure	≤4bar
Ambient Temperature	-20 to +70℃
Sample Water Temperature	1 to +80℃
Size (overall)	172mmW×160mmH×120mD
Protection Grade	IP65
Weight	2KG
Pipe Connection	R 1/4"internal thread