



X-MET 8000 SULFUR IN OIL ANALYSER

Product group: **663** Product number: **735732**

X-MET8000 for fast on-site sulfur in marine fuel analysis, your key to IMO 2020 sulfur compliance. The X-MET8000 is a handheld X-ray fluorescence (HHXRF) analyser that delivers the performance needed for rapidly analysing Sulfur in marine fuels. The X-MET is practical, rugged and easy to use to deliver results you can trust.



Product information

Unlike other techniques available (e.g. titration), X-ray fluorescence (XRF) is rapid, simple, and does not require the use of chemicals. It is a field-proven technique that is widely used in the oil industry. With results available in seconds, it is a nondestructive technique, and can be used by any operator with minimal training.

Our field-portable XRF analyser, the X-MET8000, combines a high performance X-ray tube and large area silicon drift detector (SDD) to deliver the speed and performance needed for the routine determination of sulfur in fuels.

Robust (IP54 rated to ensure minimal ingress of dust and splash water; tested to MIL-STD 810G for ruggedness) and compact, the X-MET is versatile and can be used on-board a ship, in a laboratory, or taken to where the analysis needs to be performed.

The X-MET offers users flexible data management to suit all needs: results are automatically stored in the analyser. They can be transferred to a USB flash drive or a PC, printed on a portable Bluetooth printer, or shared in real-time through our App and cloud service.

Sample Preparation

The sample preparation is simple: just pour the solution into a sample cup fitted with thin polyester film (e.g. 3.5µm Mylar(r)), and place it in the safety window, also fitted with thin film. This minimises the risk for spill, cross contamination or cup leakage onto the analyser, and avoids costly repairs.

The cup and safety window are placed in the light stand or the benchtop stand for analysis. Pressing the X-MET trigger starts the analysis, and initial results are available in seconds, updating until the end of the analysis.

A typical analysis time for marine fuel oil is 60 seconds.

Features

- Complies with ASTM D4294, ISO8754 and IP336 sulfur test methods
- Rugged, fast and easy to use
- Embedded GPS to pinpoint where the analysis is performed
- Real-time data sharing and management with our app and cloud service
- Long battery life (up to 12 hours): no need to swap or recharge batteries during a shift.

Benefits

- Take the analyser from ship to ship, port to port (ideal for port authorities)

Specification

Dimensions/Weight

Dimensions L x W x H [mm]	93 x 210 x 272
Weight [kg]	1.5

Technical data

Battery Type	Li-ion with up to 12 hrs running time. Two batteries included
Datalogging	Store 100 000 tests
Display resolution [pixel/inch]	4,3 inch
Operating temperature [°C]	-10 to +50

Performance data

Test time	30 to 60 seconds
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Related products

Accessories

735740 PORTABLE BLUETOOTH PRINTER F/X-MET 8000

735756 MYLAR FILM FOR SAMPLE CUPS

735752 SAMPLE CUP SET X-MET 8000

735736 INTERGRATED CAMERA FOR X-MET 8000

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