

Marine Tankscape

The Marine Tankscape was designed after extensive consultation with shipowners, ship managers and shipping personnel. The result is a range of 7 instruments dedicated to the marine market.

The Marine Tankscape is versatile yet simple to use. The feature-rich range of instruments are suitable for all marine applications including confined space monitoring, cargo monitoring and inerting.

Up to 5 gases can be simultaneously measured and displayed. The hydrocarbon range, which utilises the latest infrared technology, can be calibrated with Butane, Propane or Methane, depending on application.

The Marine Tankscape also comes complete with an impressive and practical suite of application software. Our bespoke software not only allows simple on-board calibration but crucially provides the ability to print calibration certificates. In addition, complete datalogging software comes as standard allowing logged gas readings, with vessel locations, to be uploaded to a PC.

With ATEX and MED approval, the Marine Tankscape is the complete shipping solution.

- MED 'Wheel marked' for use on all tankers
- Up to 5 gases can be simultaneously measured and displayed.
- Infra-red technology for reliable inert atmosphere monitoring
- Simple calibration with tamper proof certificate printing on-board
- Internal pump with high flow rate to minimise tank sampling times
- Enhanced data logging with tank identification to simplify result analysis

SHIP MANAGER Software

- On-board management of testing and calibration of vessels gas detection inventory
- Simple data analysis of testing on-board
- Download and manage calibration and bump test records, on-board and / or on-shore
- Printing of authorised calibration certificates from the Marine-4 & Marine Tankscape models



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Specifications

Measuring Ranges	<ul style="list-style-type: none"> • 0 to 100% LEL (Infrared) • 0 to 100% Volume Gas (Infrared) • 0 to 25% Oxygen (O₂) • 0 to 100ppm Hydrogen Sulphine (H₂S) • 0 to 20% Carbon Dioxide (CO₂) Infrared • 0 to 1000 ppm Carbon Monoxide (CO)
Display	• LCD with backlighting
Resolution	• LEL - 0 to 100% - 1%
Vol Gas	• - 0 to 100% - 1%
Oxygen	<ul style="list-style-type: none"> • - 0 to 21% - 0.1% • 21 to 25% - 1%
Hydrogen	• - 0 to 100ppm - 1ppm
Carbon Dioxide	<ul style="list-style-type: none"> • - 0 to 5% - 0.1% • 5 to 20% - 0.5%
Carbon Monoxide	• - 0 to 1000ppm - 1ppm

Alarms	• Highly visible flashing LED's on display panel. Sounder in excess of 80dB(A), typically 85dB(A) @12in.
Sampling System	• Integral pump with flow fall sensor. Sample path is protected by a hydrophobic filter and automatic pump switch-off.
Physical Properties	
Weight	• 1.35 kg (3.0 lbs)
Dimensions:	• 180mm (7.1in) x 95mm (3.7in) x 100mm (3.9in)
Construction / Protection Rating	• Moulded polypropylene case protected to IP54
Power Supply	• 2 Alkaline Cells or 2 Rechargeable Cells
Battery Life	<ul style="list-style-type: none"> • 2 x Alkaline 20 Hrs • 2 x Rechargeable 8 Hrs
Environment	
Temperature Limits	• -20C to +50C (-4F to 122F)
Humidity:	• 0 to 100% R.H. non-condensing