

# MARINE TANKSCAPE™



## Inerted Cargo Tank & Confined Space Gas Monitoring

The Tankscape is versatile yet simple to use. The feature-rich range of instruments are suitable for all 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 Tankscape also comes complete with an impressive and practical suite of application software. Our bespoke software not only allows simple calibration but crucially provides the ability to print calibration certificates. In addition, complete datalogging software comes as standard allowing logged gas readings, with locations, to be uploaded to a PC.

With 8 models to choose from, this extremely versatile instrument complies with international regulations for Confined Space Monitoring, Inerting, Pre-entry Testing, Tank Cleaning and many other applications onboard.




With ATEX and MED approval, Tankscape is the complete gas detection solution.

### THE BENEFITS

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

### THE SOFTWARE

- Management of testing and calibration of gas detection inventory
- Simple data analysis of testing onboard
- Download and manage calibration and bump test records onboard
- Printing of authorised calibration certificates from the Marine-4 & Marine Tankscape models

Dimensions	180 x 95 x 100 mm / 7.1 x 3.7 x 3.9 in.
Weight	1.35 kg / 3.0 lbs
Display	LCD with backlighting
Humidity	0-100% R.H, non-condensing
Temperature	-20°C to +50°C (-4°F to +122°F)
Alarms	Highly visible flashing LED's on display panel Souncer in excess of 80dB(A), typically 85db(A) @12in.
Sampling	Integral pump with flow fail sensor Sample path is protected by a hydrophonic filter and automatic pump switch-off
Battery	2 'D' type batteries - alkaline or rechargeable
Battery Life	20 hours alkaline or 8 hours rechargeable
Construction	Moulded polypropylene case
Rating	IP54 (Dust protected and splashproof)
Certification	ATEX  II 2 G Ex d ia IIB T3 Gb (-20°C ≤ Ta ≤ +50°C) IECEX Ex d ia IIB T3 Gb (-20°C ≤ Ta ≤ +50°C)  MED (0038) - Module B&E 
Warranty	2 years

SENSOR SPECIFICATION			
GAS	RANGE	INCREMENTS	SENSOR TYPE
Flammable LEL	0-100%	1%	Infrared
Flammable Volume	0-100%	1%	Infrared
O <sub>2</sub>	0-21% 21-25%	0.1% 1%	Electrochemical
H <sub>2</sub> S	0-100ppm	1ppm	Electrochemical
CO	0-1000ppm	1ppm	Electrochemical
CO <sub>2</sub>	0.5% 5-20%	0.1% 0.5%	Infrared

ACCESSORIES	
102527	Tankscape Carry Case
104607	Tankscape Leather Field Case
105095	Tankscape 3 Carrying Harness
106322	Probe Handle C/W 1m. Sample Line
103611	Hydrophobic Filter Tankscape
103112	Cotton Filters - Tankscape
106812	Tankscape Sample Line Adaptor
103210	Tygon Tubing for Tankscape 3/16" ID, 5/16"OD 30m
105907	10m Conductive Sample Line with Waist Harness
102387	25m conductive sample line
106239	35m Conductive Sample Line with Waist Harnes
107105	35cm Stainless Steel Probe Open End
103177	Tankscape rechargeable Kit
104780	Tankscape 2 x Rechargeable Batteries
107372	Tankscape 3 Waist Harness

ORDERING INFORMATION	
Tankscape 1	LEL / VOL
Tankscape 2	LEL / VOL / O <sub>2</sub>
Tankscape 3	LEL / VOL / O <sub>2</sub> / H <sub>2</sub> S
Tankscape 4	LEL / VOL / O <sub>2</sub> / CO <sub>2</sub>
Tankscape 5	LEL / VOL / O <sub>2</sub> / CO <sub>2</sub> / CO
Tankscape 6	LEL / VOL / O <sub>2</sub> / H <sub>2</sub> S / CO
Tankscape 7	O <sub>2</sub> / CO <sub>2</sub>
Tankscape 8	LEL / VOL / O <sub>2</sub> / H <sub>2</sub> S / CO <sub>2</sub>