SEWERIN
Technologies for leak detection.

Multitec® 540

Multiple gas measuring device with infrared sensors – optimised for biogas and landfill gas

Applications

Biological processes generate gas compositions that make special demands on measuring equipment.

The robust ***Multitec® 540*** provides the ability to measure five gases simultaneously.

Device functionality

The use of infrared measuring techniques for methane and carbon dioxide means that there is no possibility of misleading results due to interaction with other gases.

This makes it ideal for use in waste disposal sites, sewage plants and biogas plants.

A large display allows all parameters to be displayed simultaneously and quickly read from a single screen.

Measurement data is stored in log files and can be transferred without difficulty to a PC over a USB link.

Features

- Intuitive, menu-driven user interface with jog dial and function keys
- Large transflective display, very good readability in direct sunlight
- Selective infrared sensors for hydrocarbons and carbon dioxide
- Highly durable electro-chemical sensors for oxygen and toxic gases
- Power supply via 4 replaceable AA-size rechargeable batteries or disposable batteries
- Minimum 7 hour battery life in use, rapid charging in 4 hours
- Explosion protection:
  TÜV 07 ATEX 553353 X ⟨Ex⟩ II2G Ex d e ib IIB T4,
  IIC when used with TG8 carrying bag
- PC communication via USB port
- Supporting bracket for carrying and positioning
- Low weight (1,000 g) for maximum ease of carrying

Measuring ranges and sensors

Gas type	Measuring range	Sensor type
Methane	0.0 – 100% vol.	Infrared sensor
Carbon dioxide	0 – 100% vol.	Infrared sensor
Oxygen	0.0 – 25% vol.	Electro-chemical sensor
Hydrogen sulphide	0 – 2000 ppm	Electro-chemical sensor
Carbon monoxide	0 – 500 ppm	Electro-chemical sensor

Please contact us for a comprehensive quotation, including additional technical specifications and information on accessories.

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