



## **GASURVEYOR 487R**

### **Gas Monitoring in Gas Tankers**

#### **RANGES**

- ◆ 0 to 100% LEL Flammable Gas
- ◆ 0 to 100% Vol. Flammable Gas in Inert Gas or Air
- ◆ 0 to 25% Oxygen (O<sub>2</sub>)
- ◆ 0 to 5% Carbon Dioxide (CO<sub>2</sub>)
- ◆ 0 to 1000 ppm Carbon Monoxide (CO)

#### **FEATURES**

- ◆ Intelligent software eliminates operator error
- ◆ Tank sampling in accordance with SOLAS & ISGOTT recommendations
- ◆ Integrated sampling pump for secure sampling
- ◆ Display illuminates under poor ambient lighting conditions
- ◆ Automatic and manual datalogging
- ◆ Audible and visual alarms
- ◆ Selectable dual mode operation: Confined Space Monitor (CSM) or Combustible Gas Indicator (CGI)
- ◆ Rugged carbon filled polypropylene case for marine use
- ◆ Automatic and manual datalogging
- ◆ Simple large button operation

**The single instrument solution for your safety monitoring and inerting applications**



**PROTECTING SHIPPING ...WORLDWIDE**



### Gas Measuring Ranges

- 0 to 100% LEL Flammable
- 0 to 100% Volume Flammable
- 0 to 5% Carbon Dioxide (CO<sub>2</sub>)
- 0 to 25% Vol. Oxygen (O<sub>2</sub>)
- 0 to 1000 ppm Carbon Monoxide (CO)

### Alarm Settings

- LEL Flammable: 20%
- Carbon Dioxide (CO<sub>2</sub>): 1.5% Vol.
- Oxygen (O<sub>2</sub>): 19% and 23%
- Carbon Monoxide (CO): 300ppm instantaneous STEL, 200ppm LTEL, 30ppm

### Response Time:

- Flammable: 15 secs to 95%
- CO<sub>2</sub>: 20 secs to 95%
- O<sub>2</sub>: 20 secs to 95%
- CO: 30 secs to 95%

### Physical Properties

- Weight: 1.7 kg
- Dimensions: 180 x 95 x 105 mm

### Accuracy

The Gasurveyor 487R has been designed to meet all current international standards

### Environment

- Temperature Limits -10°C to +40°C
- Humidity: 0 to 95% R.H. non-condensing

### Protection

IP54

### Certification

Ex ias IIb T4 Ex 97Y2167

Class I Group ABCD UL 913

MED Certification

EC Type Approval Certificate MED



### Battery Life

Rechargeable: 8 Hours Minimum

### Calibration

GMI provides various calibration options, from simple provision of gas cylinders to a complete on-board certificate printing, datalogging, automatic system.

### Instrument Management

GMI has been contracted, by shipping companies, to comprehensively manage their inventory of gas detectors. re: Calibration Logistics etc.

### Accessories as Standard

The Gasurveyor 487R instrument is supplied complete with probes, sample line, spare filters, a carrying strap and instruction manual. Accessories are contained in a rugged marine carrying case.

### Training CD-ROM

Packaged training solution for on-board use

### Ordering Information

Description	Part No.
Gasurveyor 487R	13700 <input type="checkbox"/>
* Simple Low Cost Charger 240V (UK)	13184 <input type="checkbox"/>
* Smart Charger 240V (UK)	13100 <input type="checkbox"/>

Note: \* Items also available with 110V (USA) and 220V (Euro) power supplies. Contact GMI or an approved GMI distributor for details.

Sample Assembly:

** 15m. Conductive Tubing Assembly	13774 <input type="checkbox"/>
** 30m. Conductive Tubing Assembly	13775 <input type="checkbox"/>
** Probe c/w Conductive Tubing Assembly	13777 <input type="checkbox"/>

Note: \*\* Assembly includes electrically conductive tubing, tube clamping, water filter, dust filter, hands-free kit.

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