

MVI

Mercury Vapour Indicator for Continuous Detection

Revolutionary dual beam UV absorption technology means MVI does not saturate or need regenerating between readings



The MVI rapidly detects and continuously measures mercury vapour. Revolutionary dual beam technology means the instrument does not saturate or require regeneration between readings as do traditional gold film detection methods, ensuring instrument downtime is eliminated.

Fast and accurate, MVI gives a real time response within just 3 seconds. MVI provides continuous readings and offers two detection ranges: 0.1 to 200 and 1.0 to 1999 microgram/cubic meter.

MVI utilises a high performance pump for fast indication and recovery. The audible alarm and large digital display clearly indicate the levels of mercury vapour.

Ergonomically designed with simple, one handed operation MVI is the ideal survey unit for rapid, accurate levels of mercury vapour detection. Robust portable and fixed options are available.

APPLICATIONS INCLUDE

- Manufacturing
- Recycling
- Fluorescent Lamp Reprocessing Plants
- Mining
- Petroleum
- Hydrocarbon
- Refining
- Bioremediation

CALIBRATION

The MVI requires annual calibration to maintain best accuracy and instrument performance. Instruments are calibrated against a near Primary Standard and issued with a certificate of calibration.

KEY FEATURES

- Dual beam UV absorption technology
- No saturation, no regeneration eliminates instrument downtime
- Fast, 3 second response
- Range: 0.1 to 200 and 1.0 to 1999 microgram/cubic meter
- Highly accurate measurement
- Continuous readings
- High performance pump for fast indication and recovery
- PTFE probe with moisture trap filter
- Large digital display
- Simple, one-handed operation
- Audible Alarm can be set to any level or switched off
- Robust portable and fixed options available

MVI

SPECIFICATIONS

Specifications subject to change without notice

Sensor	Dual Beam Ultraviolet Absorption Module
Detection range	0.1 to 200 µg/m ³ and 1.0 to 1999 µg/m ³
Response time	3 seconds
Accuracy	±5 µg/m ³ or ±10% of reading
Repeatability	35% FSD at 1 µg/m ³
Alarm	Audible, factory preset to 20 µg/m ³ , adjustable to any level or can be switched off
Sampling	High performance internal pump with PTFE probe and moisture trap filter
Display	Large digital LCD with backlight
Operating temperature	10°C to 50°C
Weight	3 kg
Dimensions	145 x 295 x 80 mm
Battery	NiMH rechargeable
Battery runtime	NiMH - last up to 4.5 hours from full charge
Service interval	Annual factory service and calibration recommended
Options	Fixed version available, optional data logger

**+61 8 6108 0000****info@gastech.com****gastech.com****HEAD OFFICE**24 Baretta Road
Wangara WA 6065
Phone: +61 8 6108 0000**NSW OFFICE**Suite G01,10 Tilley Lane,
Frenchs Forest, NSW, 2086
Phone: +61 2 9451 0054**QLD OFFICE**Highfields, 4352
Phone: +61 7 3160 0901

DISTRIBUTED BY