

Mercury Vapor Analyzer

Ion Science MVI

The world's ONLY mercury vapor surveyor, the popular hand-held Mercury Vapour Indicator is established as a firm favorite with a world-wide following.

You do not need to know where mercury is before measuring, the MVI finds the contamination and measures it quickly and accurately. The high performance pump lets you know immediately when tiny levels of mercury vapor are present.

FEATURES

- **Large Digital Display**
- **Continuous Readings**
- **"One-Hand" Operation**
- **Audible Alarm Warns of High Mercury Level**
- **High Performance Pump** – For fast indication and recovery
- **PTFE Probe with Moisture Trap Filter**
- **Highly Accurate Measurement** – Other monitors may only be accurate to plus or minus 20%!
- **Very Fast** – Almost instantaneous reaction to mercury, other monitors may require up to 1 minute to get a reading!
- **Not Just a "Spot" Checker** – MVI gives continuous readings
- **No need to regenerate between readings**



SPECIFICATIONS

DETECTOR	Dual-beam ultra-violet absorption module
SENSITIVITY	0.1 and 1.0 $\mu\text{g}/\text{M}^3$
ACCURACY	± 5 micrograms or $\pm 10\%$ of reading
REPEATABILITY	$\pm 5\%$ FSD
BATTERY LIFE	Up to 8 hours from full charge
TEMP RANGE	10°-50° Celsius
OPERATION	After a short warm-up the MVI gives real-time indication of mercury vapor levels through the PTFE probe
RANGES	0.1-199.9 and 1.0-1999 $\mu\text{g}/\text{M}^3$

POWER	NiCd rechargeable batteries
RESPONSE	Approximately 3 seconds
WEIGHT	6 lb. 10 oz. (3 Kg)
DIMENSIONS	145 x 295 x 80 mm
ALARMS	Audible alarm factory pre-set to 25 $\mu\text{g}/\text{M}^3$
DATALOGGER OUTPUT	0-2 volt for use with a datalogger (not supplied) 4-20 mA (source) may be requested

Specifications current at time of printing and are subject to change without notice.

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