

# AMI

## Permanent Mercury Monitoring

Fully automatic ♦ Self-testing ♦ Runs continuously  
Provides audible & visual alarms whenever high mercury levels occur



Fully automatic continuous operation  
monitors 24 hours a day, 365 days a year

Gives audible and visual alarms if high  
levels of mercury vapour are detected

Unique modular design for easy on-site  
calibration when required

Continuous self-testing ensures long-term  
stability of readings

Water-resistant GRP casing (to IP66)

### AMI Specification

<b>DETECTOR</b>	Dual-Beam Ultra-Violet absorption	<b>RANGES</b>	1-200 µg/M <sup>3</sup>
<b>SENSITIVITY</b>	1 µg/M <sup>3</sup>	<b>POWER</b>	110-260 V AC 40-70 Hz
<b>ACCURACY</b>	±5 micrograms or ± 10% of reading	<b>RESPONSE</b>	< 3 Seconds to 90% when exposed to 100 micrograms of mercury
<b>RECALIBRATION</b>	The unique AMI module is a factory precalibrated unit enabling fast, easy servicing and calibration	<b>DATALOGGER/ RECORDER OUTPUT</b>	Recorder output of 0-10volt 4/20mA industrial output
<b>TEMP RANGE</b>	10° - 50° C	<b>DIMENSIONS</b>	200 x 300 x 400 (mm)
<b>OPERATION</b>	A high performance pump continuously samples at 1.5 litres/min flow rate. Fast Response time: AMI Reads 90% of a sample in less than 3 seconds. Remote sampling via up to 15 metres of stainless steel or PTFE tubing	<b>ALARMS</b>	Pre-set alarm levels at 10 and 25 µg/M <sup>3</sup> give immediate warning on the display panel and the "WARN" and "ALARM" lights illuminate  Alarm relays provide optional external audible alarms conveniently located to suit site conditions.

Specifications current at time of printing

Subject to change without notice

Ask for details of the **MVI** hand-held **M**ercury **V**apour **I**ndicator

UK SALES & SERVICE CENTRE



Pioneer Road Faringdon Oxfordshire SN7 7BU  
Tel: 01367 246960 Fax: 01367 243200  
info@shawcity.co.uk www.shawcity.co.uk