

Jerome 405 Mercury Vapour Analyser

The new Jerome® J405 portable mercury vapour monitor is redefining the portable mercury vapour analyzer market. Significant performance enhancements and modern communications capabilities have been combined to create a new option for mercury spill detection and clean-up analysis. Like its 411 & 431X predecessors, the J405 utilises the industry-proven, inherently stable and reliable gold film sensor technology and simple, one-button operation. The ergonomically-designed handle, lighter exterior case and significantly lower detection capabilities (0.5 µg/m³) have re-set the bar for portable and easy, low-level mercury detection instrumentation.

The larger display, on-board data logging, auto zeroing, and battery-powered sensor regeneration will simplify operation and maintenance in the field. Menu-driven programming, USB data communications and SCADA compatibility via 4-20 ma output further enhance data retrieval, storage and reporting.

Specifications

Resolution	0.013 µg/m ³
Detection Range	0.5-999 µg/m ³
Precision	15% RSD @ 1µg/m ³
Accuracy	±10% @ 1 µg/m ³
Response Time	12 seconds
Flow Rate	750 cc/min
Environmental Range	0-40°C, non-condensing, non-explosive
Interface	USB host, USB slave
Dimensions	11" L x 6" W x 6.5" H / 28 cm L x 16 cm W x 17 cm H
Weight	5 lbs/ 2.5 kg
Internal Battery Pack	Rechargeable nickel metal hydride
Power Requirements	12V DC/Power Adapter
Warranty	1 year
Marks	UL, CE



Optional Equipment:

Car Adapter
External Battery Pack
Maintenance Kit
Functional Test Kit

Applications:

Mercury Spill Response & Cleanup
Facility Monitoring
Hazardous Waste Sites
Worker Safety
Landfill Monitoring
Mercury Exclusion Testing
Source Surveys
Fluorescent Lamps Disposal & Recycling
Exhaust Duct Monitoring

Features:

- Detection limit down to 0.5 µg/m³
- Meets EPA & ATSDR cleanup level protocols
- Longer sensor life
- Battery powered sensor regeneration
- On-board data logging (20,000 data points)
- Auto time/date stamp
- USB data output
- SCADA interface capabilities via 4-20ma

Registered Address

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