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Jerome® J405 Portable Mercury Vapor Analyzer



The new Jerome J405 portable mercury vapor monitor is redefining the portable mercury vapor 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 utilizes 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 ($0.5 \mu\text{g}/\text{m}^3$) 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.

J405 Features

- Detection limit down to $0.5 \mu\text{g}/\text{m}^3$
- 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

Optional Accessories

- **Car Adapter**
- **Dosimeter Analysis Kit**
- **External Battery Pack**
- **Functional Test Kit**
- **Maintenance Kit**

Applications

- Mercury spill response & cleanup
- Facility Monitoring
- Hazardous Waste Sites
- Worker Safety
- Landfill Monitoring
- Mercury Exclusion Testir
- Source Surveys
- Fluorescent Lamps Disposal & Recycling
- Exhaust Duct Monitoring

Specifications

Resolution	0.013 $\mu\text{g}/\text{m}^3$
Detection Range	0.5-999 $\mu\text{g}/\text{m}^3$
Precision	10% RSD @ 1 $\mu\text{g}/\text{m}^3$
Accuracy	$\pm 5\%$ @ 1 $\mu\text{g}/\text{m}^3$
Response Time	10 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, factory parts and labor
Marks	UL (pending), CE (pending)

24 Hour Customer Support