

Arizona Instruments

Jerome J405 Mercury Vapor Analyzer

Pine Item #51174

DESCRIPTION:

A development of existing models in our rental fleet, the J405 Mercury analyzer from Jerome uses proven technology to provide greater accuracy and usability for toxic gas and vapor detection. Lighter improved ergonomics, a larger display as well as improved data storage, retrieval and communications, are just a few of the J405's new features. The perfect hire instrument for a wide range of mercury-related applications, typical users might include: Environmental consultants, Health & Safety managers, Emergency Response Teams, Hazardous Cleanup operatives and Waste Recycling monitors to mention but a few.

FEATURES:

- **Ultra Low-Level Detection:** The Jerome J405 can detect mercury vapor in air at levels as low as 0.5 $\mu\text{g}/\text{m}^3$ with a resolution of 0.01 $\mu\text{g}/\text{m}^3$.
- **Gold Film Sensor:** Validated in the field and in the lab for over 35 years, our proprietary gold film sensor ensures repeatable results across a wide range of applications.
- **Versatile:** The J405 is in active use by many environmental agencies, industrial hygienists, miners and first response teams across the world.
- **Survey Mode:** While in survey mode, the J405 continuously draws in samples of air to help users locate the source of mercury contamination and enable corrective action to be taken.
- **Durable:** Housed in a light, ergonomically designed, durable metal casing, the J405 sets a new precedent for portable, low-level mercury monitors.
- **Intuitive Interface:** The J405 offers simple, menu-driven operation as well as easy-to-understand diagnostics and error detection. It does not require PC software and comes with a USB interface for easy data transfer.



APPLICATIONS:

- Ambient air analysis
- Regulatory compliance
- Quality Control
- Scrubber Efficiency Testing
- Mercury Vapor Source Detection
- Leak Detection

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Product Specifications

Resolution	0.013 $\mu\text{g}/\text{m}^3$
Detection Range	0.5 to 0.999 $\mu\text{g}/\text{m}^3$
Precision	10% RSD @ 1 $\mu\text{g}/\text{m}^3$
Accuracy	$\pm 5\%$ at 1 $\mu\text{g}/\text{m}^3$
Response Time	10 seconds
Flow Rate	750 cc/min
Temperature	0 - 40°C
Interfaces	USB Host USB Slave
Power	Rechargeable NiMH (6 hours) or AC 12V
Dimensions	US: 11 x 6 x 6.5 in. Metric: 280 x 160 x 170mm
Weight	US: 5 lb. Metric: 2.3kg



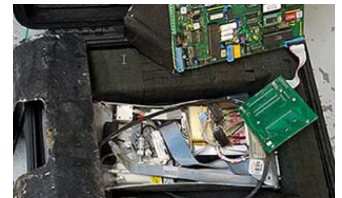
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan