



## JEROME<sup>®</sup> J405 Mercury Vapor Analyzer

### APPLICATIONS

Disposal & Recycling  
Exhaust Duct Monitoring  
Facility Monitoring  
Fish (Heated)  
Fluorescent Lamps  
Hazardous Waste Sites  
Landfill Monitoring  
Mercury Exclusion Testing  
Mercury Spill Response  
Monitoring: light bulbs,  
mercury switches equipment  
Plant Environment  
Source Surveys  
Worker Safety

The Jerome<sup>®</sup> 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 cleanup analysis. 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.

### SPECIFICATIONS

Resolution	$0.013 \mu\text{g}/\text{m}^3$
Detection Range	$0.5\text{-}999 \mu\text{g}/\text{m}^3$
Precision	15% RSD @ $1 \mu\text{g}/\text{m}^3$
Accuracy	$\pm 10\%$ @ $1 \mu\text{g}/\text{m}^3$ Range 1: $\pm 0.03$ ppm at 0.5 ppm/5% RSD Range 2: $\pm 0.3$ ppm at 5.0 ppm/5% RSD
Response Time	Sample Mode: 12 seconds, Survey Mode: 2 seconds

### FEATURES

Detection limit down to  $0.5 \mu\text{g}/\text{m}^3$   
Meets EPA & ATSDR cleanup levels  
Long sensor life  
Battery powered sensor regeneration  
On-board data logging (20,000 data points) (Upgraded Model)  
Auto time/date stamp (Upgraded Model)  
USB data output (Upgraded Model)  
SCADA interface capabilities via 4-20ma

