

The Home of
JEROME®



APPLICATIONS

Ambient Air Analysis
Clean Up Compliance
Detection Compliance
Disposal & Recycling
Exhaust Duct Monitoring
Facility Monitoring
Fluorescent Lamps
Gold Mining
Hazardous Waste Sites
HAZMAT
Landfill Monitoring
Leak Detection
Mercury Exclusion Testing
Mercury Spill Response
Monitoring: light bulbs,
mercury switches equipment
Plant Environment
Quality Control
Scrubber Efficiency Testing
Source Surveys
Worker Safety

CERTIFICATIONS

ISO 9001:2008

MADE IN THE USA



ARIZONA INSTRUMENT LLC
3375 N Delaware St | Chandler, AZ
www.azic.com

JEROME® J505 Atomic Fluorescence Spectroscopy Mercury Vapor Analyzer

The NEW! Jerome® J505 Mercury Vapor Analyzer is a portable fluorescence spectroscopy analyzer, which allows the detection cell to be simpler, smaller, lighter weight and more durable than competing spectroscopy instruments. The highly efficient optical cell requires less flow to purge the system, allowing the J505 to run at a lower flow rate minimizing sample dilution as found in competing spectroscopy instruments.

FEATURES

Meets EPA & ATSDR Cleanup Levels
Flexible Data Handling
Choice of Two Independently Adjustable High Limit Alarms
Programmable Auto Sampling Mode
Choice of 3 Units of Measurement (nanograms, micrograms, milligrams)
Color Display with Easy to Use Menu System
Battery Operation for 10+ Hours | Battery Charges in 3 Hours or Less
A USB Keyboard can be used for Easy Entry of Locations (optional)
Integrated Data Logging Saves all Test Results (excludes search mode)

SPECIFICATIONS

Resolution	0.01 $\mu\text{g}/\text{m}^3$ (10ng/m ³) in standard test mode	
Detection Range	0.05 to 500 $\mu\text{g}/\text{m}^3$	
Data Storage Capacity	Up to 10,000 test results, 100 test locations	
Operating Environment	5 to 45°C, non-condensing, non-explosive	
Accuracy	0.3 $\mu\text{g}/\text{m}^3$	±15%
	1 $\mu\text{g}/\text{m}^3$	±10%
	25 $\mu\text{g}/\text{m}^3$	±10%
	100 $\mu\text{g}/\text{m}^3$	±10%
Typical Response Time	Search	8 sec. first reading; continuous 1 sec. updates
	Quick	16 sec.
	Standard	28 sec.
Flow Rate	1 liter/minute	

Rentals Available
24 Hour Customer Support

Sales Representatives
800.528.7411 | 602.470.1414
sales@azic.com

Extended Warranties and Parts
800.528.7411 | 602.470.1414
sales@azic.com

Power Requirements	12VDC power adapter runs on 100-240VAC, 0.8A
Internal Battery Pack	Rechargeable nickel metal hydride (NiMH) with 10+ hours of operation Battery charges in 3 hours or less
Dimensions	12" L x 6.2" W x 8.4" H
Weight	6.5 lb
Output	USB flash drive
Warranty	1 year, factory parts and labor

ACCESSORIES

990-0230	USB Keyboard
990-0244	AC Adapter Power Supply (supply/charger)
990-0246	Soft Handle Grip
990-0247	Soft Carrying Case
Y990-0234	Mercury Spill Kit

PARTS

345-0241	Intake Fritware (pack of 5)
1400 2002	Probe
Z2600 3905	Zero Air Filter

