

Field Environmental Instruments, Inc.

Equipment Rental & Field Supplies

99 Miller Avenue
Braddock, PA 15104
800-393-4009



Arizona Instrument

Jerome 411 Mercury Vapor Analyzer

The Jerome 411, GOLD FILM MERCURY VAPOR ANALYZER, designed for the easy and accurate analysis of mercury vapor in the workplace environment and for the location of mercury spills. This portable instrument will operate four hours on fully charged batteries. The 10 – second SAMPLE mode provides an integrated, direct reading of mercury vapor concentration in mg/ m3. The 1- second SURVEY mode allows quick checks to locate high concentration areas.

The microprocessor automatically rezeroes the digital meter at the start of each sample cycle and freezes the meter until the next sample cycle is activated, thus eliminating drift between samples.

Specifications:

Sensitivity:	0.003 mg/ m3 Hg
Accuracy:	+/- 5% @ 0.017 mg/ m3 Hg
Range:	0.000 to 1.999 mg/ m3 Hg
Response Time:	
SAMPLE mode:	10 seconds
SURVEY mode:	1 second
Flow Rate:	750cc/ min 0.75 liters/ min = 750cc/ min
Power Requirements:	115 VAC or 230 VAC 15 watts maximum
Operating Time:	4 hours
Batteries:	Rechargeable Nickel-Cadmium
Operating Environmental Range:	0° - 40°C, non-condensing, non-explosive
Precision:	5% Relative Standard Deviation @ 1.017mg/ m3 Hg

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Phone: 800-393-4009

Fax: 412-271-5083