

# Lumex RA-915M

## Portable Mercury Analyzer

The Ohio Lumex RA915M portable Mercury Analyzer uses Zeeman's background-corrected multifunctional atomic absorption spectrometry, which eliminates the effect of interfering impurities.

It is the only instrument with high sensitivity and selectivity that does not require pre-concentration of gold amalgam and subsequent regeneration steps. This allows the user to perform real-time monitoring and detection of mercury vapors in ambient air.



### Atomic Absorption Spectrometry

- ✓ Rental from one day
- ✓ Technical assistance included

#### AMBIENT AIR TECHNICAL SPECIFICATIONS

RANGE	2 µg/m <sup>3</sup> to 200 µg/m <sup>3</sup>
DETECTION LIMIT	0.5 ng/m <sup>3</sup>
SAMPLING	10 l/min
MEASUREMENTS STORAGE	24/24H Continuous data recording
AUTONOMY	Li-ion battery (12h autonomy)
POWER	40 W
COMMUNICATION	90–240 VAC, 50/60 Hz, 12 VDC
DIMENSIONS	470 x 110 x 210 mm
WEIGHT	7 kg

## KEY POINTS

- Robust and versatile design (laboratories and measurements on site)
- Ultra-low detection limit
- High selectivity
- Real-time measurements for air and gases
- 122H of data logging
- Rechargeable battery (12 hours of autonomy)

## APPLICATIONS

- Ambient air and gas measurements
- Detection of polluted soils
- Mercury spill response & cleanup facility monitoring
- Hazardous waste sites
- Worker safety
- Landfill monitoring
- Mercury exclusion testing
- Source surveys
- Fluorescent lamps disposal & recycling
- Exhaust duct monitoring
- Medical

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