

## JUM Model 109A Methane/Non-Methane Hydrocarbon Analyzer



### RENTAL AND APPLICATION NOTES:

- Shipping Weight: 70 lbs.
- Designed for raw automotive and diesel exhaust analysis, stack-gas emissions monitoring, ambient air monitoring to low concentration levels, thermal reactor and combustion emissions monitoring.
- Instrument should be shielded from high winds.
- We recommend using three methane calibration gases in air and one propane gas in air (to check catalyst).
- Unit should be zeroed with zero grade air.

### SPECIFICATIONS:

- Weight: 55 lbs.
- Dimensions: 19" x 18" x 8.7".
- Power: 115VAC, 50 Hz, 1250w.
- Detection Method: Flame Ionization Detector.
- Outputs: 0-10VDC.
- Ranges: 10; 100; 1,000; 10,000; 100,000 ppm Methane.
- Response Time: 90% of full scale in 1 sec.
- Analysis Temperature: Adjustable 200°F - 400°F.
- Drift: Zero (24 hours) - 1.5% of full scale.  
Span (24 hours) - 1.5% of full scale.
- Fuel Consumption: Hydrogen - 40cc/min at 22 psig (1.5 Bar); 40% H<sub>2</sub> /60% He - 160cc/min at 22 psig (1.5 Bar).