

## Universal Analyzers 3080 Thermoelectric Gas Conditioner



### RENTAL AND APPLICATION NOTES:

- Shipping Weight: 70 lbs.
- Designed to transfer sample gas to extractive analyzers for CEM and process control applications.
- Two-pass conditioner to ensure that a constant stream of dry gas is supplied to the analyzers.
- Utilizes the Peltier effect to cool the gas sample.

### SPECIFICATIONS:

- Weight: 56 lbs.
- Dimensions: 18" x 7.5" x 11". (13" x 14" x 24" w/ stand).
- Power: 95 - 125VAC, 50/60 Hz, 700w.
- Electrical Classification: NEMA 1.
- Operating Temperature: 32°F - 105°F
- Inlet Sample Temperature: Up to 500°F for stainless steel, 208°F for kynar and glass.
- Maximum Cooling Power: 252BTU's/Hour.
- Outlet Sample Dew Point: 41°F, adjustable.
- Flow Capacity: 8 L/min. maximum at 15% H<sub>2</sub>O and 77°F ambient temperature.
- For higher moisture contents and/or ambient temperatures the flow must be adjusted down.
- 0 - 10 L/min. valved rotometer.
- Soluble Gass Removal Rates: NO = 0%, NO<sub>2</sub> = < 10%, SO<sub>2</sub> = < 2%, CO = 0%, CO<sub>2</sub> = < .
- Inlet and outlet have 1/4" compression fittings.