

Thermo 146i Multi-Gas Calibrator

Rental and Application Notes

- Shipping Weight: 60 lbs.
- Calibrator supplies precise levels of ozone, carbon monoxide, non-methane hydrocarbons, sulfur dioxide, nitric oxide, nitrogen dioxide, and other gases
- Mass flow controllers dilute gas standards to the proper concentration for gas monitoring instrumentation
- Can be remotely controlled by a data logger or to perform multipoint calibrations
- Rack mountable for integrated CEMS
- Gas-phase titration for generation of ozone and nitrogen dioxide
- Calibration gases available for rent



	Specifications
Detection	Gas-Phase Titration with Photometer, MFC
Unit Weight	51 lbs.
Dimensions	16.75"x 8.62"x 23"
Power Requirements	115 VAC 50/60 Hz @ 275W
Outputs	Digital control outputs (10 relay and 8 24vdc solenoid)
Inputs	16 digital inputs
Ranges	CleanAir suggested range: 0-1000ppm Manufacturer ranges: 0-10ppm to 20,000ppm
Response Time (0-99%)	60 seconds
Operating Temperatures	0 to 45°C
Zero Air Requirements	10SLPM @ 30psi
Flow Rate	Dilution air: 0-10SLPM Cylinder gases: 0-100SCCM
Flow Accuracy	±2% of reading or 1% FS
Span Ports	6 span inputs
Linearity	±0.5% FS
Ozone Generator Option	Maximum output: 1ppm @ 6SLPM Minimum output: 10ppb @ 6SLPM