# Thermo Scientific Model 62*i* Multi-Gas Probe Controller

## Electronic monitoring and control of all sample system temperature operations

The Thermo Scientific™ Model 62*i* Multi-Gas Probe Controller is a critical component of the factory designed *i*MEGA Continuous Emissions Monitoring System.

- Monitors and controls all sampling system temperatures

- Provides power to the probe eliminating the need for power at the stack

- Automates probe barrel and filter blowback

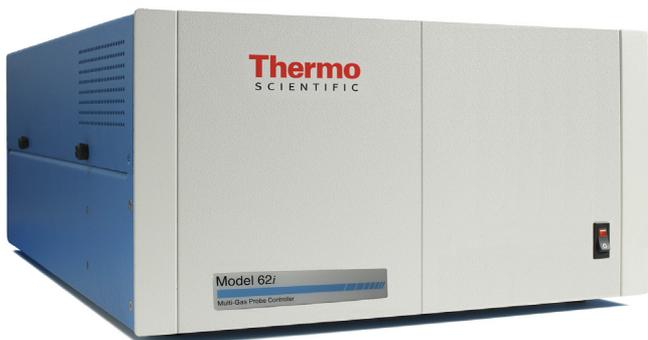- Designed to meet U.S. EPA 40CFR Part 60 requirements

The Thermo Scientific Model 62*i* controller monitors and controls the probe and chiller temperature as well as system temperatures including the filter body, probe barrel and umbilical temperatures. It also monitors sample conditioner performance and enables automated filter blowback.

The Model 62*i* Multi-Gas Probe Controller is connected by an umbilical to the stack probe and to the rack-mounted Model 60*i* NDIR Multi-Gas Analyzer eliminating the need for power at the stack.

Utilizing the Model 60*i* analyzer interface and interconnection capabilities, the Model 62*i* controller is fully programmable for all functions including the time, duration and frequency of the probe blowback.

The Model 62*i* controller is built on the renowned *i*Series platform design to provide durable, plant-proven components, advanced electronics and operator friendly software as just a few of the standard features.

The Model 62*i* Multi-Gas Probe Controller and the *i*MEGA System are designed to meet U.S. EPA 40CFR Part 60 requirements for full extractive measurement.

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## Thermo Scientific Model 62*i* Multi-gas Probe Controller

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|---|---|
| Operational Temperature | 32° to 104° F (0° to 40° C) |
| Power Requirements | |
|     Probe Controller | 120 VAC 15A or 220 VAC 10A |
|     Sample Lines | Two 220 VAC 30A circuits (16A max for Europe) |
| Instruments Air Requirements | 60 psi CDA (Clean Dry Air) |
| Size and Weight | 425mm (16.75") (W) x 219mm (8.62") (H) x 584mm (23") (D), 15kg (33lbs) |
| Outputs | 6 system outputs plus 4 temperature controllers |
| Inputs | 5 system inputs, Five 3-wire RTD inputs, plus 8 additional digital inputs |

To maintain optimal product performance, you need immediate access to experts worldwide, as well as priority status when your air quality equipment needs repair or replacement. We offer comprehensive, flexible support solutions for all phases of the product life cycle. Through predictable, fixed-cost pricing, our services help protect the return on investment and total cost of ownership of your Thermo Scientific products.

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