



## Specification

<b>Part Number</b>	MM70001/E
<b>Power Supply</b>	230V 50Hz/110V 60Hz
<b>Ambient Temperature Limits</b>	+5 C to +40 C

## Environmental Rating facia mounting

IP65/NEMA 4 enclosure with panel

Up to 6 x 4-20mA Output Signals Available

## Description

- Independently controlled fuel and air positioning motors with an accuracy of 0.1 of an angular degree.
- 4 separate fuel curves
- 4 dedicated Servo drives
- 2 dedicated variable speed drives.
- Selectable trim channel (damper or vsd).
- Error diagnostic codes displayed.
- Single point change facility for commissioned fuel/air ratio.
- User definable optimum ignition position.
- FGR Management, delay from start-up to enable FGR until flue gas temp., boiler setpoint or time delay achieved. Boiler Control Box Functions
- Full flame supervision with UV self-check for continuous operation, patented self adaptive UV amplification.
- Burner Control Functions with user configurable timings.
- Gas Valve proving system with on-line pressure supervision.
- Oil pressure monitoring and display with limit checks.
- Air windbox pressure proving – display and supervision.
- Lockout history of last 16 incidents with date, time, function & reset.
- Burner Control Functions (Flame safeguard) selectable. Setpoint Control Features
- Internal 3 term PID control to required setpoint for both pressure and temperature.
- Software adjustable thermostat/pressure stat. facility.
- Second setpoint user adjustable.
- Time clock facility, reduced setpoint and off modes.
- Outside temperature compensation
- Intelligent Boiler Sequencing for both steam & hot water.
- Intelligent Boiler Sequencing for low pressure steam.
- Fuel Flow Metering – instantaneous and totalised.
- Hand/Auto/Low flame hold facilities.
- 4-20 mA input for external load control.
- 4-20 mA output of firing rate.
- Twin burner and multi burner control capability. User Features
- Password protection. user configurable options and