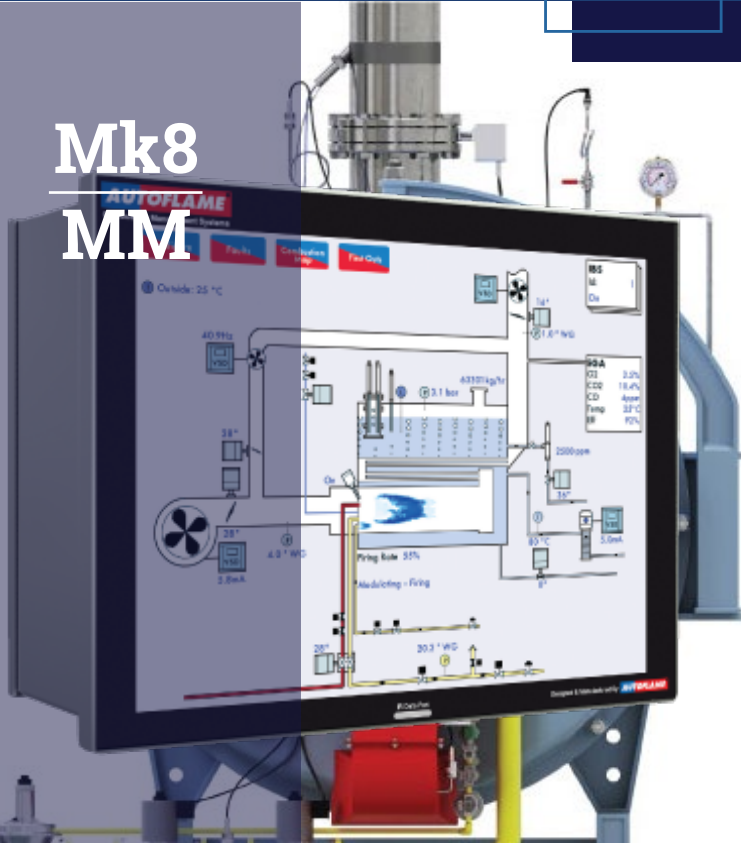# Burner & Boiler Control
Mk8 MM

- Micro-Modulating system that offers comprehensive control over industrial and commercial boiler/burners.
- Ideal for steam and water boilers (watertube or firetube), kilns and steam generators.
- Designed for oil, natural gas or both fuels.
- Modbus connectivity allows for remote monitoring and management.
- Access codes unlock advanced features without the inconvenience of hardware changes or added modules.
- Control more with software unlocks.

Specifications

Screen size	7" (14x10.7cm)
Touchscreen	Single-touch resistive
Channels	3 servos/1 VSD
Lockout/error logging	Most recent 64 errors
Number of fuel curves	2
Boiler log entries	1000

MINI Mk8 MM

Mk8 MM

Specifications

Screen size	12.1" (24.5x18.5cm)
Touchscreen	Multi-touch capacitive
Channels	4 servos/2 VSD
Lockout/error logging	Most recent 128 errors
Number of fuel curves	4
Boiler log entries	1000

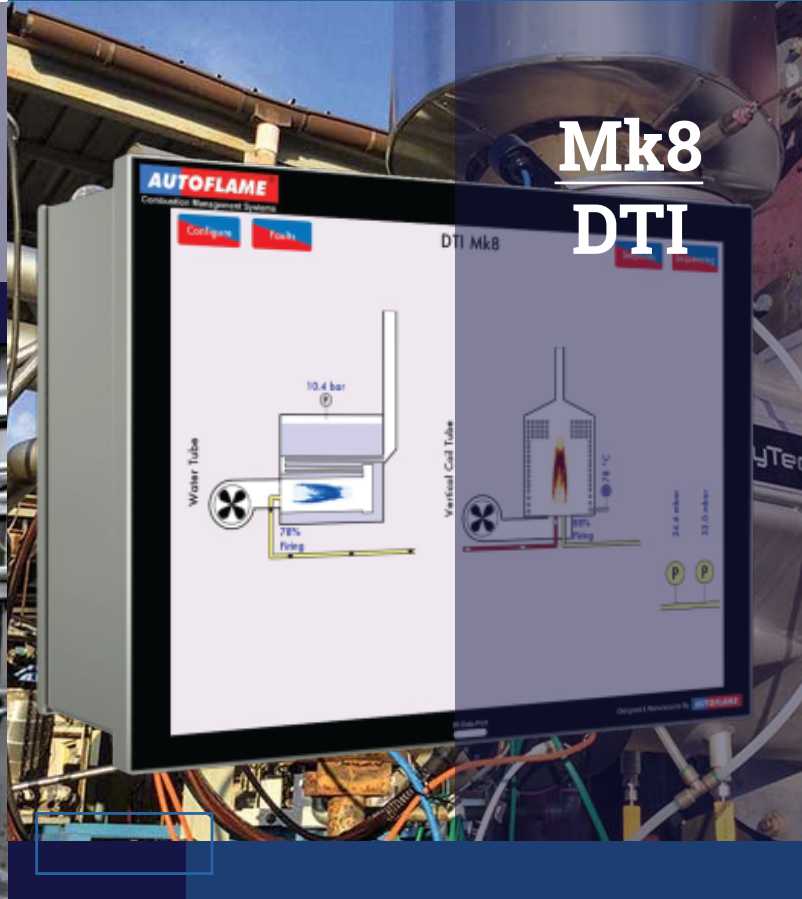# Burner & Boiler Control
Mini Mk8 MM

- Cutting edge technology that can significantly reduce emissions and fuel costs.
- Able to reduce fuel consumption by 5-7% over traditional linkage systems.
- Capable of reducing CO_2 emissions by 10%.
- Controls fuel, VSD, scheduling, sequencing and other automatic settings.
- Perfect for industrial and commercial steam and hot water boiler applications.
- Available in a control panel package.

Emissions Monitoring & Trim
Mk8 EGA Evo

- Continuous Emissions Monitoring System (CEMS) for display & data trending.
- Specifically designed for current regulations on emissions monitoring.
- Simultaneous & continuous sampling of up to 6 exhaust gases: O_2, CO_2, CO, NO, NO_2, SO_2.
- Designed to minimize maintenance.
- Warnings for cell failure, probe blockage & analyser failure.
- Automated cell calibrations on bottled calibration gas (EPA version of EGA).
- Improve fuel efficiency and emission reduction.

Specifications

Monitor Remotely	Up to 10 Boilers
Screen Display	12.1" Capacitive
Burner Firing Status	Off, Firing, Purge etc.
Gas, Oil, Air & Draft	Online & Commissioned
Operational	Steam, Pressure & Water
Water Level Probe Value	Temperature & Signal

Mk8 EGA EVO

Mk8 DTI

Remote Monitoring & Control
Mk8 DTI

- Mk8 Exhaust Gas Analyser (EGA) linked directly to the DTI.
- Pressure sensor network – connect and monitor Mk8 digital Gas or Air pressure sensors, with two years of data logs.
- Input/Output modules with both analogue and digital connections.
- Network Emails generated in the case of a fault or alarm.

Specifications

Touch Screen	12.1" multitouch
Analogue Outputs	Six 4-20mA
Data Storage	2 years
Power Supply	110 - 240V, 50 - 60Hz
Ambient Temperature	5°C to 40°C
Environmental Rating	IP20 (NEMA1)