

Burner Management Systems



SAFE, RELIABLE & SMART CONTROL OF ANY BURNER SYSTEM

Crucial to the safety of any burner system, the Burner Management System (BMS) silently monitors the operation and swiftly cuts the fuel supply if conditions exceed preset limits.

Compulsory for gas firing, BMS are recognised as best practice for firing other fuels as they serve to protect the plant, people and equipment.

As a global company, FCT Combustion is experienced in designing to the relevant industry standards in each world region, ensures that these standards are safely adhered to, and integrates smoothly with the control system.

Additionally, FCT Combustion can assist with gaining certification and provide process experts to contribute to HAZOP and SIL studies.

FEATURES

- Local or remote operation
- Control of single or multiple fuels
- Conventional controller or safety PLC design
- First out alarming for rapid fault diagnosis
- System status clearly displayed during all phases of the burner ignition
- Complies with local or international standards
- Complies with IEC 61500 for duplicate redundant systems
- Can manage the ignition, pilot and main burners
- Incorporates hard-wired signals from flame detectors, temperature and pressure sensors, gas analysers as well as fuel system and overall plant status

BENEFITS

- Ensures the safe introduction of all fuels into the process
- Stops fuels when preset limits are exceeded to protect plant & staff
- Extremely high reliability and long-life design
- High integrity to minimise nuisance trips
- Rapid re-start after stops



Asia-Pacific

FCT Combustion

+61 8 8352 9999

sales_APAC@fctinternational.com

U.S.A & Canada

FCT Combustion Inc

+1 610 725 8840

sales_US@fctinternational.com

Europe

FCT Combustion GmbH

+49 3 222 109 6283

sales_EU@fctinternational.com

South America

FCT Combustao Consultoria Ltda

+55 11 4118 6004

sales_BRAZIL@fctinternational.com



Global expertise in combustion technology, delivered by a local team.

FCT Combustion are experts at delivering complete combustion solutions to high-temperature processing plants worldwide. Our best-in-class products are proven to deliver results and are currently optimizing the operations of industry leaders across the globe.

At FCT Combustion, your process is our priority. Our offices provide local, personalized support, backed by our global expertise, to deliver the best solutions for your process and environment.



Asia-Pacific
FCT Combustion
+61 8 8352 9999
sales_APAC@fctinternational.com

U.S.A & Canada
FCT Combustion Inc
+1 610 725 8840
sales_US@fctinternational.com

Europe
FCT Combustion GmbH
+49 3 222 109 6283
sales_EU@fctinternational.com

South America
FCT Combustao Consultoria Ltda
+55 11 4118 6004
sales_BRAZIL@fctinternational.com

VISIT FCTCOMBUSTION.COM

