



GTS CONTROLS & ENERGY SYSTEMS PVT. LTD.

Combustion Solutions.
Built for Performance.

BURNER CONTROLLER

GBC SERIES

OVERVIEW

The GTS GBC Burner Controller is an advanced microprocessor-based burner management system designed to provide safe, reliable, and automatic control of industrial gas burners. It manages the complete burner sequence including pre-purge, ignition, flame supervision, fuel valve control, lockout, and fault indication, ensuring safe and efficient burner operation in accordance with industrial combustion requirements.



 **KEY FEATURES**

- ✓ Microprocessor-based burner management
- ✓ Automatic ignition sequence control
- ✓ Continuous flame supervision
- ✓ Integrated burner safety lockout
- ✓ LED status indication for all operating stages
- ✓ Start/Reset push button
- ✓ Compatible with flame rod and UV flame sensors
- ✓ Supports gas burner applications
- ✓ Compact industrial enclosure
- ✓ Reliable and maintenance-friendly design

 **APPLICATIONS**

- Industrial Burners
- Furnaces
- Food Processing Ovens

 **BENEFITS**

- Improves burner safety and reliability
- Ensures consistent ignition and flame monitoring
- Reduces downtime through rapid fault indication
- Simplifies burner commissioning and maintenance
- Rugged design for continuous industrial operation

 **PRODUCT DESCRIPTION**

The GTS make GBC Burner Controller continuously monitors burner operating conditions and executes a fully automatic ignition and flame supervision sequence. The controller supports single-stage and multi-stage burner applications with integrated safety interlocks, ignition control, flame monitoring, and automatic lockout during unsafe operating conditions. LED status indicators provide clear visualization of burner operating status, allowing quick diagnostics and simplified maintenance. Its compact enclosure and rugged industrial construction make it suitable for installation in demanding industrial environments.

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