

## EGIP-1 Automatic Gas Proving & Interlock System

### Features:

- Combined gas proving and ventilation interlock control
- Adjustable purge and prove time
- Automatic detection of downstream leaks and open gas valves
- Simple to install single valve and pressure switch arrangement
- Low voltage field wiring, sensor outputs and interlocks are all 24v
- On board power to supply for up to 2 x 0-10v sensor heads (CO2, Methane, LPG etc)
- Also supply BD100 compliance for boiler houses





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The EGIP is a microprocessor based gas proving system. It provides compliance to regulatory requirements in the educational lab, boiler room and commercial kitchen. Using industry leading software, the EGIP can be set up on site using simple DIP switches within the panel. This makes it flexible, adaptable and extremely easy to install.

In lab system mode as well as being a gas proving system, it can monitor up to 2 CO2 detectors giving a warning level of increasing CO2 levels and shutting off the gas if the CO2 concentration gets too high. Outputs are provided for the control of external devices such as ventilation fans and window openers.

In Boiler room mode the system provides 2 zones of gas detection and can monitor flue dilution and fresh air fans. It provides compliance with BB100 and can signal boiler controls when the gas supply is successfully restored after a mains failure.

In kitchen mode the system can perform the task of a BS6173 interlock, gas proving system and can control extract and supply fan speeds relative to the CO2 in the working environment.

All in all the EGIP is a versatile and extremely reliable solution to modern day regulatory requirements.

### Technical details:

- Enclosure dimensions 240 x 195 x 90 (keyswitch protrudes upto 50mm more)
- Electrical supply 230v upto 700w depending on outputs used
- **Outputs:**
  - 230v gas valve output
  - 24v aux supply
  - 0 - 10v analogue
- **Inputs:**
  - Fan interlock
  - Fire alarm interlock
  - Auxiliary interlock )
  - Emergency stop interlock
  - Gas pressure switch
  - 2 x 0 - 10v analogue

