

**Overview**

The AT-FG99 is a versatile gas alarm controller designed for monitoring flammable, toxic, and oxygen gases. It supports connection with up to 99 detectors, features fast response and reliable communication via RS485, and complies with relevant Chinese national standards.

Key Features

- Supports flammable, toxic, and oxygen gas detection
- Connects to up to 99 detectors
- RS485 communication with strong anti-interference
- Fast response: alarm communication within 2 seconds
- Stores up to 1050 event records
- 4 configurable relay outputs (NO/NC and pulse types)
- LCD display with real-time data and fault indicators
- Audible & visual alarms (≥ 80 dB)

Technical Specifications

Parameter	Description
Detection Gas	Flammable / Toxic / Oxygen
Detection Range	0–100% LEL / 0–N% vol / 0–N µmol/mol (sensor-dependent)
Basic Error	< ±5% F.S.
Display	LCD (Gas type, value, records, fault)
Alarm Output	4 relays, NO/NC/pulse, 250V AC 5A
Communication	RS485
Power Supply	AC 220V, 50Hz
Operating Temp.	-20°C to 50°C
Operating Humidity	≤95% RH
Installation	Wall-mounted

Applications

Suitable for industrial gas detection systems in:

Chemical plants

Oil & gas facilities

Boiler rooms

Laboratories

Fire safety systems

Warranty & Service

1-year free warranty

Lifetime maintenance (charges apply after warranty)