

GAS ALARM BC-SERIES

COMPACT MEDICAL GAS ALARM BOX

CHARACTERISTICS

Real-time Medical Gas Pressure Monitoring System is designed for installation at critical points or general monitoring locations within hospitals. This system displays the pressure of one or more medical gases from the pipeline distribution system and provides alerts when the pressure is above or below the preset limits. It features a clear digital pressure display, excellent visibility, audible alarm alerts, and an ALARM SILENCE button to mute the alarm when necessary. The unit has a modern, compact design and is easy to install.

KEY SPECIFICATIONS

- Main power supply voltage: DC9V±5%
- Power adapter voltage: AC100V ~ 240VAC
- Power consumption: 2W (1 gas), 3W (2 gases), 4W (3 gases), 5W (4 gases), 6W (5 gases), 7W (6 gases), 8W (7 gases)
- Default pressure measurement range: -0.1MPa to 1.0MPa (-1 Bar to 10 Bar)
- Number of pressure monitoring points: 1 ~ 7
- LED size: 0.8 inch
- Default pressure units: PSI (positive pressure), mmHg (negative pressure)
- Supports positive pressure detection for negative pressure sensors.
- Supports RS-485 remote communication.
- Supports switch output for each pressure state (replacing electric contact pressure gauges).
- Supports DC1-5V analog output for each pressure channel (corresponding to positive pressure: -1 Bar to 10 Bar, negative pressure: -1 Bar to 0 Bar).
- Support switch output for system status.
- Support for infrared remote control within 5 meters.
- Supports sensor fault detection.
- Support sound and light alarm.
- Quiet the buzzer.
- All parameters can be reconfigured on-site.



BC-1-O



BC-2-OV