POWEREX™
MEDICAL

FIRSTCALL™
Medical Gas Alarm

OXYGEN	MEDICAL AIR	NITROUS OXIDE	MEDICAL VACUUM
POWEREX10	POWEREX10	POWEREX10	POWEREX10
130	51	46	16
PSIG	PSIG	PSIG	IN HG
NORMAL	NORMAL	NORMAL	NORMAL

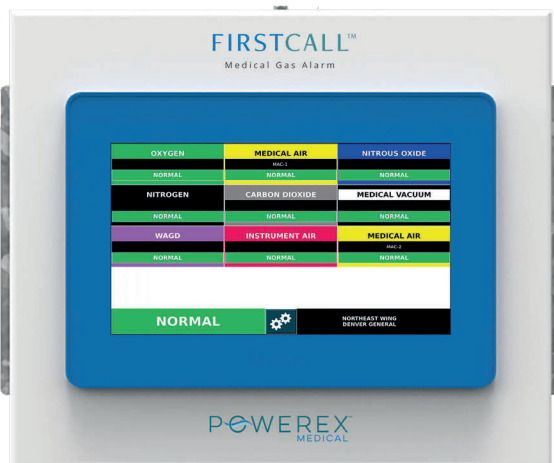| NITROGEN	CARBON DIOXIDE	WAGD	INSTRUMENT AIR
POWEREX10	POWEREX10	POWEREX10	POWEREX10
170	48	30	140
PSIG	PSIG	IN HG	PSIG
NORMAL	NORMAL	NORMAL	NORMAL

NORMAL   TEST   GENERAL SURGERY

POWEREX™
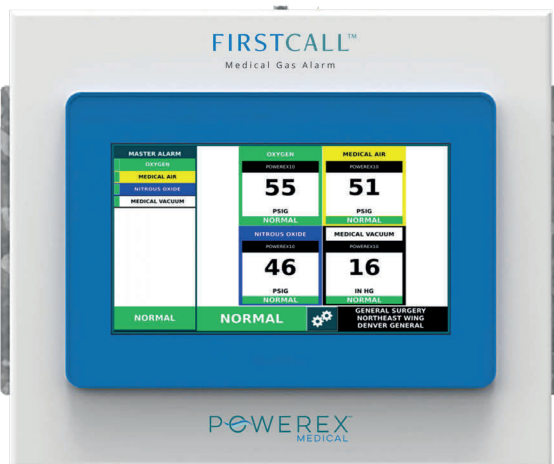MEDICAL

FirstCall™ Medical Gas Alarm

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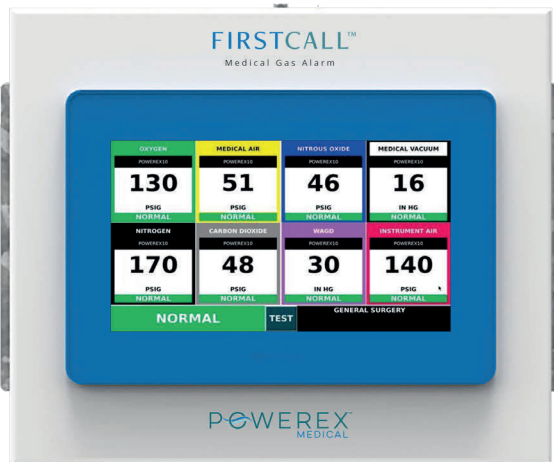
Area Alarm system

Master Alarm system

Combo Alarm system

The Powerex FirstCall™ medical gas alarm systems digitally display gas pressure, monitor and display normal and alarm conditions from up to 55 remote medical gas source signals, and up to 8 medical gases.

- Best-in-class medical gas alarm system
- Full, high-resolution touchscreen HMI
  - 10" and 7" screens available
- BACnet over IP standard in all models
- Customizable alarm instructions
- Compact, space-saving design
- Optional digital outputs
- Easy to connect terminal blocks
- Intuitive, time-saving setup
- Automatically set high/low settings to +/-20% – industry first
- TEST button
  - Displays high/low settings
- Maintenance Mode
  - Disables alarm for 15 minutes
- Transducers may be installed in back box or remotely up to 5,000 ft
- Event history log accessible at the screen
- Designed and manufactured in the USA
- ETL Listed to UL 1069

Intertek

Designed & Manufactured in the USA
with U.S. and Imported Components

BACnet

Seamlessly connect to your building management system via Ethernet using BACnet over IP protocol.

- Centrally monitor medical gas equipment, along with all other facility equipment
- Standard in every panel

Building Automation System

BACnet over IP

Medical Gas Alarm

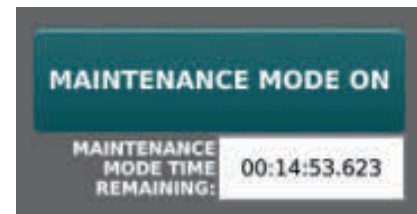Medical Air Compressor System

Medical Gas Manifold
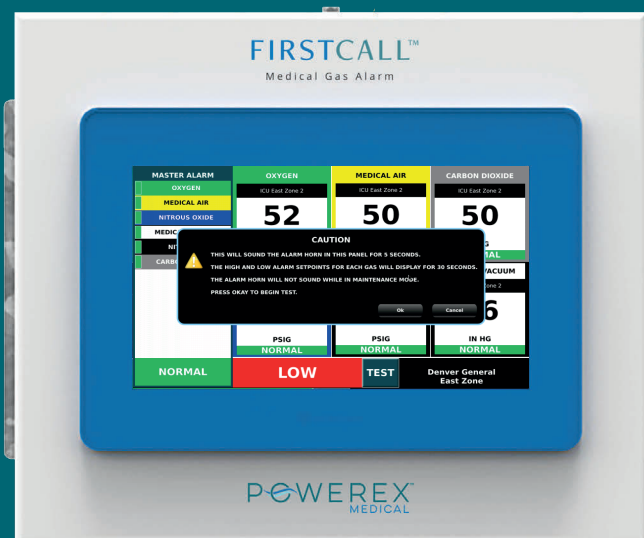
Maintenance Mode

When Maintenance Mode is toggled, the alarm horn will not activate during a normal alarm event.

- Allows a technician to perform maintenance without setting off the loud alarm
- Automatically toggles back to normal mode after 15 minutes
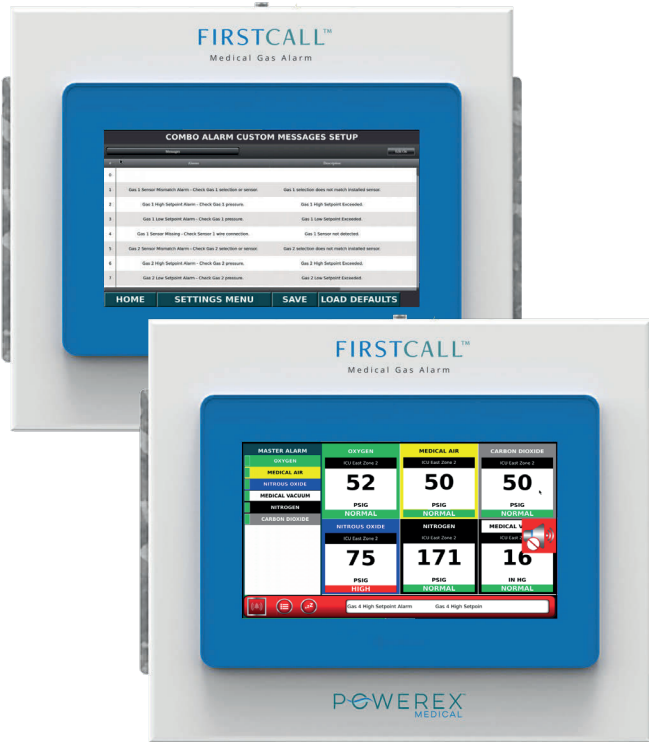

TEST Feature

The TEST button allows you to test the alarm horn, and displays high/low pressure settings for the Area and Combo alarms for 30 seconds.

- No login required to test horn
- Displays high/low pressure settings on gas badges

Easily Customizable

The Powerex FirstCall™ Alarm System allows the user to program specific instructions for each alarm event.

- Provides instructions for hospital staff in the event of an alarm
- Displayed on the alarm scrolling marquee at the bottom of the screen
- Additional customization:
  - Transducer offset value
  - Display brightness
  - Custom master alarm signals
  - Zone served, location of source equipment

High/Low Setpoints

TEST & SET HIGH/LOW ALARM POINTS TO ±20% CURRENT PRESSURE
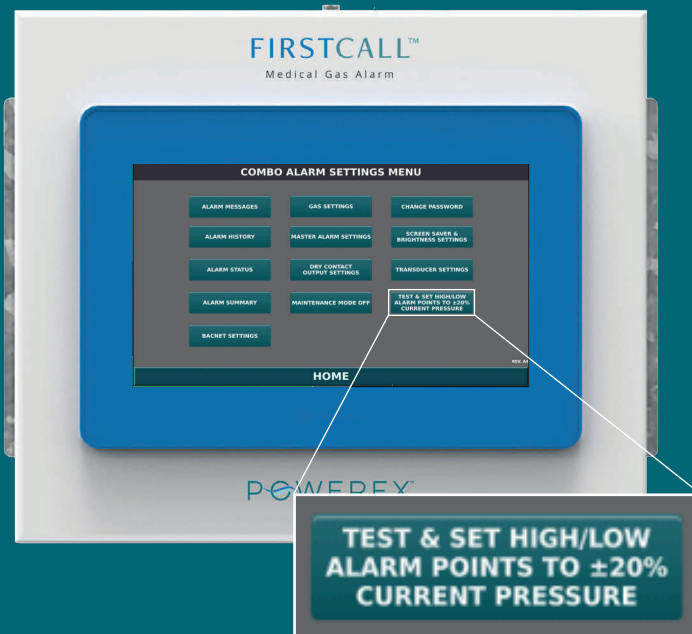
This unique feature easily allows for compliance with NFPA 99 2018 edition 5.1.9.4.2, which states that Area alarm panels for medical gas systems shall indicate if the pressure in the lines in the area being monitored increases or decreases by 20 percent from the normal line pressure.

The Powerex FirstCall™ Alarm System will automatically calculate the high/low set points based on the current pressure measured by the transducers, and the high/low settings will appear on the gas badge on the home screen for 5 seconds.

Alarm History

FIRSTCALL™
Medical Gas Alarm

ALARM HISTORY			
Name	**Date / Time**	**Severity**	
Gas 1 Low Setpoint Alarm	1/5/00 22:16	Critical	
Gas 3 Low Setpoint Alarm	1/5/00 22:16	Critical	
Gas 4 Low Setpoint Alarm	1/5/00 22:16	Critical	
Gas 2 Low Setpoint Alarm	1/5/00 22:16	Critical	
Gas 3 Low Setpoint Alarm	1/5/00 22:16	Critical	
Gas 1 Low Setpoint Alarm	1/5/00 22:16	Critical	
Gas 2 Low Setpoint Alarm	1/5/00 22:16	Critical	
Gas 4 Low Setpoint Alarm	1/5/00 22:16	Critical	
Gas 5 Low Setpoint Alarm	1/4/00 03:24	Critical	

HOME	SETTINGS MENU	ALARM STATUS

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The Alarm History screen, accessible directly via the home screen, shows a record of alarm events which can easily be sorted for analysis, or downloaded for record keeping.
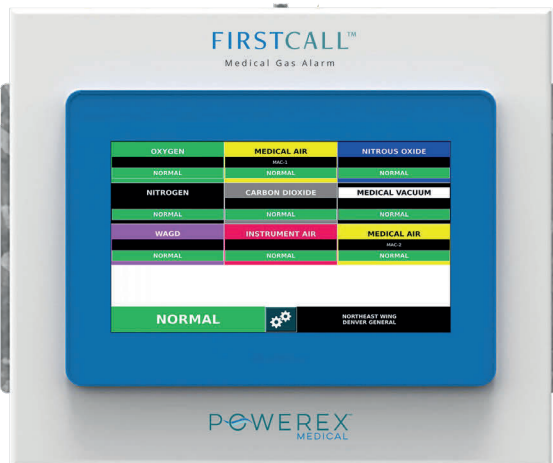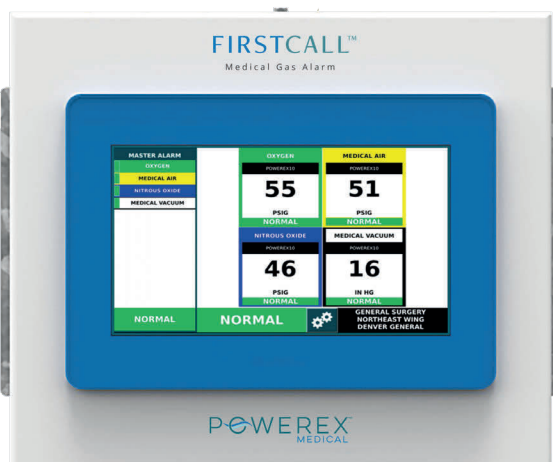
FirstCall™ Alarm Panel Configurations
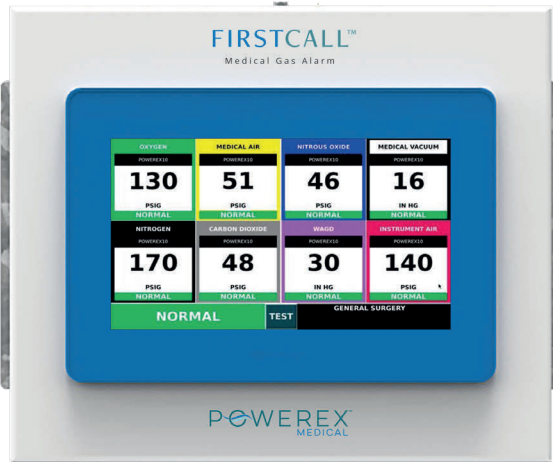
Area Alarm

- 1 through 8 gases
- Transducers included
- Gas risers included

Master Alarm

- 23 signal
- 39 signal
- 55 signal

Combination Alarm

- 1 through 6 gases
- 23, 39, or 55 signal
- Transducers included
- Gas risers included

PCWEREX™

MEDICAL

**Designed &
Manufactured
in the USA**
with U.S. and Imported Components