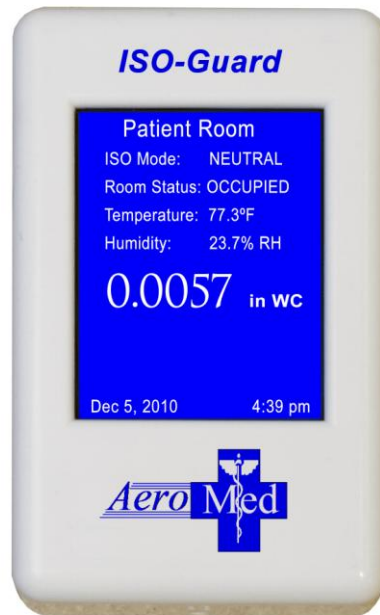


ISO-Guard™ Room Pressure Monitor



- *Latest sensing and display technology made easy for you!*
- *Easiest to view – Screen color tells alarm status! Large easy to read digits!*
- *Easiest to use – 3.2” touch screen allows for easy fingertip control!*
- *Easiest to Save with – Connected to other AeroMed devices, ISO-Guard™ can help you save on energy expenses!*
- *Easiest to Integrate – Compatible with both BACnet and Metasys N2 protocol for easy integration into*

AeroMed® Integrity

As a trusted partner for critical environmental applications, we are committed to serving our clients' needs with integrity, honesty and trust.

AeroMed® Reputation

AeroMed environmental infection control products are used by healthcare facilities and clinical researchers around the world.

AeroMed® Engineering

AeroMed products are designed specifically for critical applications like yours. We have unparalleled product flexibility leading to equipment that better fits your specific needs.

General Description

Designed with your critical environment in mind, the AeroMed® ISO-Guard™ is capable of extremely accurate pressure differential measurements (to +/-0.0001”wg). Suitable for either negative or positive pressure applications, it is able to display and control room conditions such as pressure, temperature, air flow and humidity. ISO-Guard™ has both audible and visual alarms to alert the user to unsafe or undesirable conditions. Available in both flush and surface mount models, you may also choose between internal and remote sensors.

Features

- Large, 3.2” full color, touch screen display to effectively communicate room conditions to staff
- *Accepts multiple analog and digital inputs from external sensors for on screen display*
- *Can control external devices such as valves or fans in order to maintain a room pressure set point*
- *Used for either negative or positive pressure applications.*
- *User configurable audible alarm*
- *BACnet and Metasys N2 compatible with no extra programming needed*



ISO-Guard™ Specifications

Electrical Specifications

Power Supply	24 ±10%, 10VA 120 to 24Vac, 60Hz, step-down isolation transformer provided
Analog Inputs	(4) 4-20mA _{dc} , 0-5V _{dc} or 0-10V _{dc}
Analog Outputs	(4) 4-20mA _{dc} , 0-5V _{dc} or 0-10V _{dc}
Digital Inputs	(4) Active-High or Active-Low
Relay Outputs	(4) 1A@24V _{dc} , 0.5A@120V _{ac}
Thermistor Inputs	(2) NTC Type 2 or 3, 10kΩ @25°C
Control Signal Wire Size	18 AWG minimum

Sensor Specifications

Pressure Range	±0.2500"WC
Accuracy of Measurements	±0.5% FS
<i>NIST Traceable/individual certification optional</i>	
Optional external remote sensor distance	Up to 4,000 feet
Optional external remote sensor wiring	18-22 AWG, shielded twisted pair

Communications

BACnet MS/TP Network	2 wire twisted pair, RS-485 signaling
Metasys N2 Network	2 wire twisted pair, RS-485 signaling
LonWorks FTT-10A Peer to Peer Network	2 wire twisted pair, FTT-10A signaling
Recommended cable type	Belden 85102

Touch Screen User Interface

LCD Size	3.2" diagonal
LCD Type	Transmissive
Resolution	240 x 320
Viewing Area	50.60 mm x 66.80 mm
Color Depth	18-bit or 262k color
Backlight Color	White
Luminous Intensity	Min 2500 cd/m ²

AeroMed® Innovation

AeroMed continues to drive the evolution of infection control engineering in healthcare and bio-terror applications.

AeroMed® Compliance

Through our products, services and consulting, AeroMed , partners with your facility to achieve and maintain compliance with industry codes, standards and guidelines.

AeroMed® Experience

With over twenty years of experience in environmental infection control, AeroMed has unparalleled experience in the healthcare industry.

AeroMed® Inc

1821 Broad Street
Utica, NY 13501
Phone 518-843-3500
Toll free 866-692-3766
Fax 518-843-8500
WEB www.AeroMed.com