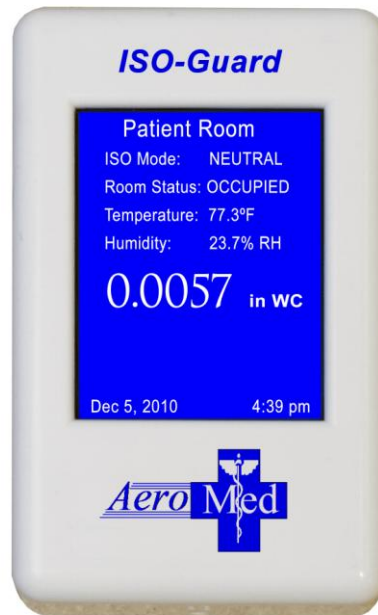# ISO-Guard™ Lite
Room Pressure Monitor

- *Latest in 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 Afford – ISO-Guard™ Lite has none of the inputs or control outputs of it's big brother, keeping your cost low for stand alone applications!*

- *Easiest to Install – Mount the display, install the sensor and most applications are installed in under an hour!*

General Description

Designed with your critical environment in mind, the AeroMed® ISO-Guard™ Lite is capable of extremely accurate pressure differential measurements (to +/- 0.0001"wg). This stand alone monitor is suitable for either negative or positive pressure applications. The ISO-Guard Lite is able to display room pressure conditions while utilizing both audible and visual alarms to alert users to unsafe or undesirable conditions. Available in both flush and surface mount models, sensors are mounted remotely and connected to the display via RS-485.

Features

- Large, 3.2", full color, touch screen display to effectively communicate room conditions to staff
- *Used for either negative or positive pressure applications.*
- *User configurable audible alarm settings (delay / disable)*
- *Both audible and visual alarms*
- *Time and date display on screen*
- *Intuitive setup and control menus*
- *Both flush and surface mount models available*

ISO-Guard™ Specifications

Electrical Specifications

Power Supply	24 ±10%, 10VA 120 to 24Vac, 60Hz, step-down isolation transformer provided

Sensor Specifications

Pressure Range	±0.2500"WC
Accuracy of Measurements	±0.5% FS
NIST Traceable/individual certification optional	
Operating Temperature	32°F - 125°F
Operating Humidity	10% - 95% RH, non-condensing

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/m2

Mechanical

Mounting Options	Surface or flush mount
Mounting Dimensions: Surface (plastic)	3"w x 5"h x ¾" d
Mounting Dimensions: Flush (stainless)	3"w x 8"h x ¾" d
Differential Pressure Input	From ISG sensor via RS-485