



# CLEAN ROOM MONITOR

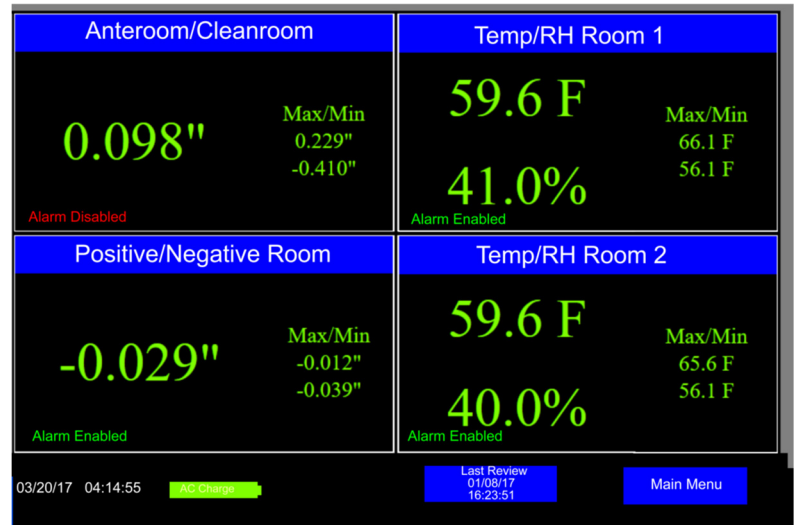
View Temperature, RH and Pressure



Specifications	
Channels	3 (Temp/RH and pressure)
Active Display	<ol style="list-style-type: none"> <li>1. Temperature °F/°C</li> <li>2. Humidity (% Relative humidity)</li> <li>3. Pressure "WG or hPa</li> <li>4. Max/Min for each measurement</li> <li>5. Alarm enabled/disabled</li> <li>6. Date and time</li> <li>7. Last time data reviewed</li> </ol>
Display Resolution	0.1° on LCD, 0.0001 on PC
Monitoring	<ol style="list-style-type: none"> <li>1. Easy Touch Display - box/panel</li> <li>2. <b>Green text=safe/Red text=unsafe</b></li> </ol>
Alerts	User Settable Audible and visual indication Text: uses local internet connection Email: uses local internet connection Phone with optional auto dialer
Alarm Settings	High/low temperature High/low Humidity High/low Pressure Power out Low backup battery
Sample Interval	Once every 4 seconds
Pressure Sensor Range	±1"Wc (° ±0.007")
Electronic log book	Button on touch screen
Calibration	Optional NIST traceable
Characterization	Three-point calibration table for each sensor
Display Controls	Easy Touch display responds to a finger touch
Data Storage Technique	Non-volatile memory storage of 80,000 samples per sensor
Power	Via USB cable to PC or power adaptor (90 to 240vac)
Battery Backup	~72 hrs. while in sleep mode. 1700mAh rechargeable lithium battery.
Output to PC	USB cable or Local Area Network via wired Ethernet cable
PC Software	Free site license Text/Email alert software
LCD Pixels`	488 horizontal x 270 vertical
Mounting	Wall or panel mount
Display Weight	1 pound
User settings	Via on-board menu
LED Indicator	Green indicates AC power present Red indicates operating on battery
Power Supply	UL listed wall plug (90 to 240 vac)
Monitor	FCC and CE mark
Environmental condition alerts	Visual indications: <ol style="list-style-type: none"> <li>1. <b>Green = safe</b></li> <li>2. <b>Red =unsafe</b></li> </ol>
Data logging interval	User settable (1/min-1/24 hr.)

Panel Mount

Box Mount



Display shown monitoring temperature, relative humidity and differential room air pressure ( "WC or Hecto-pascals) for two rooms.

## RED and GREEN colored text provide instant notification

- ✓ For new construction or retro fitting
- ✓ Temp/RH and pressure updated every 4-5 seconds
- ✓ Max/Min numbers always visible
- ✓ Automatic data logging of conditions and alarms
- ✓ Automatic electronic clean room log book
- ✓ No monthly contract or service fees
- ✓ PC interface software included
- ✓ Export, store, & print logged data (custom date ranges)
- ✓ Free Email/Text/or Phone alert software for PC
- ✓ External dry contact relay for alarms
- ✓ Wall power with 72-hour rechargeable battery backup

## Global Compliance

- USA FDA 209E
- EU GMP standard
- Britain BS 5295
- Australia AS 1386
- France AFNOR X44101
- Germany VD I.2083
- ISO standard 14644-1

