CLEAN ROOM MONITOR

View Temperature, RH and Pressure

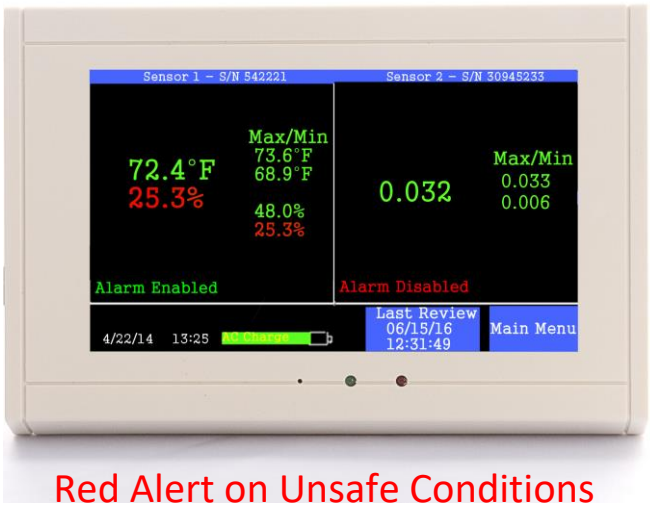
The TV2 Clean Room Monitor precisely monitors, alarms, logs and charts all three critical variables needed to keep your clean room safe and within specs.

Just a glance at the large digital display tells you immediately if everything is OK. If any of the three condition variables move out of the safe range they immediately turn red and an alarm sounds.

Exceeds ISO
Compliance Standards

Specifications	
Channels	Temp/RH and pressure (3)
Active Display	1. Temperature F/C 2. Humidity (% Relative humidity) 3. Pressure "WC 4. Low battery indicator 5. Max/Min for each measurement 6. Alarm enabled/disabled 7. Date and time 8. Last time data reviewed
Display Resolution	0.1° on LCD, 0.0001 on PC
Monitoring	1. Easy Touch Display - box/panel 2. Green text=safe/Red text=unsafe
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	User selectable: 1/min - 1/24hrs
Pressure Sensor Range	-0.500"wc to +0.500"wc (±0.002")
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	~100 hrs. while in sleep mode. 1100mAh lithium battery. Not user serviceable.
Output to PC	USB cable *(Note: if USB cable is plugged into PC, power is supplied by PC)*
PC Software	Free site license included 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
Power Supply	UL listed
Monitor	FCC and CE mark
Environmental condition alerts	Visual indications: 1. Green = safe 2. Red =unsafe
Data logging interval	Set desired range (1/min-1/24 hr.)

Panel Mount Box Mount



Red Alert on Unsafe Conditions

- ✓ For new construction or retro fitting
- ✓ Temp/RH and pressure updated every 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 can trigger events
- ✓ Wall power with 100-hour battery backup