

ECMv2: Electronic Corrosivity Monitor



Looking for constant and rapid results for detection of deterioration? PureAir's Electronic Corrosivity Monitor (ECMv2) is an electronic version of the corrosivity test kit pictured below. It offers live, accurate results of environment surveillance and detection of gases that corrode. This prevents expensive interruption by saving valuable electronics.

BENEFITS

- Constant environment surveillance
- Early detection
- Easy to install
- Long service life
- Ethernet connection



Corrosivity Test Kit

ECMv2



SPECIFICATIONS

Measured Parameters	
Corrosion:	Two independent channels (copper / silver)
ISA classification:	G1 - GX
Temperature:	0° C to +50° C or +32° F to +122° F
Relative Humidity:	10 - 95% RH
Room Pressure:	0 - 50 Pa 0 - .20 IWC

Data Connections and Inputs/Outputs

- 4 - 20 mA
- MODBUS over ethernet
- Wifi
- Power input: 24 V D or 24 V PoE
- Optional 120 V and 230 V single phase wall adapters

Sensors

- 4,000 Angstrom nominal span (life)
- One copper and one silver provided

Displays

LCD display of corrosion and corrosion rate for sensor, humidity, temperature, and room differential, pressure, LCD reading corresponding to ISA environmental classifications

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