Without measurement there is no control®

PARTICLE MEASURING SYSTEMS®
a spectris company

Facility Pro® Environmental Monitoring Systems



FacilityPro 1010


FacilityPro 5010



FacilityPro 3010

The central hub for your real-time environmental monitoring activities

Viable/Nonviable/Environmental Monitoring

The FacilityPro® processor provides the central hub for an environmental monitoring system. The processor communicates with cleanroom sensors, including particle and microbial monitors, while buffering data and checking tolerances for alarm activation.

Industrial Automation Architecture

As a key component of industrial automation architecture, this embedded system offers high reliability as it controls samples and communicates with central software.

Three Versions

FacilityPro processors are available in three versions, with varying features to support a range of system designs and applications:

- FacilityPro 5010
- FacilityPro 3010
- FacilityPro 1010

All three FacilityPro processors are compatible with Pharmaceutical Net Pro 6.0 or later

BENEFITS

- 100% designed for pharmaceutical environmental monitoring
- Contamination control of viable and non-viable sampling
- High data integrity
- Flexible integration with complex network infrastructure
- Trustworthy solution with 50+ years of experience and thousands of systems actively running around the world
- Provided with a GAMP V category 4 software to enable agile system validation and commissioning

FEATURES

- Compatible with either the FacilityPro SCADA server software, the FacilityPro SMART server module, or Pharmaceutical Net Pro 6.0
- Available in three versions: FacilityPro 5010, FacilityPro 3010 and FacilityPro 1010
- Dedicated Processor (DCS) handles incoming data and critical automation.
- PMS proprietary communication unlock reliable data buffer to eliminate data loss risk and ensure business continuity
- Modular design to ensure scalability

APPLICATIONS

Monitoring of critical environments including:

- Filling lines
- Isolators and RABS
- Blow-Fill-Seal
- Lyophilizer processes and transfer carts
- Biosafety cabinets and flow hoods
- General cleanroom and facility monitoring

Facility Pro® Environmental Monitoring Systems

FacilityPro 5010

A fully-integrated solution for system control. Modules housed in a standard 19-inch rack.

PROCESSOR MODULE	SPECIFICATION
Display	6.5-in TFT LCD with resistive touchscreen
Dimensions (l, w, h)	13.5 x 19.0 x 8.75 in (34.3 x 48.3 x 22.3 cm), 5U height
Weight	34.5 lb (15.7 kg)
Power	100 – 240 VAC, 50 – 60 Hz, 600 W
Operating Environment	Temperature: 39 – 104 °F (4 – 40 °C); non-condensing
Inputs/Outputs*	Up to 64 particle or microbial inputs 64 relay or digital outputs 32 digital input 24 analog inputs 0-10 VDC or 4-20 mA

SENSOR MODULE	SPECIFICATION
Dimensions (l, w, h)	8 x 19 x 7.0 in (20 x 48.3 x 17.8 cm), 4U height
Weight	26.4 lb (12 kg)
Power	100 – 240 VAC, 50 – 60 Hz, 240 W
Operating Environment	Temperature: 39 – 104 °F (4 – 40 °C); non-condensing
Sensors	8 sensors, Airnet II or BioCapt

INPUT/OUTPUT MODULE	SPECIFICATION
Dimensions (l, w, h)	12.0 x 19.0 x 7.0 in (30.5 x 48.3 x 17.8 cm), 4U height
Weight	31.4 lb (14.2 kg)
Power	100 – 240 VAC, 50 – 60 Hz, 240 W
Operating Environment	Temperature: 39 – 104 °F (4 – 40 °C); non-condensing
Inputs/Outputs*	64 relay or digital outputs 32 digital input 24 analog inputs 0-10 VDC or 4-20 mA

POWER MODULE	SPECIFICATION
Dimensions (l, w, h)	14.0 x 19.0 x 5.25 in (35.6 x 48.3 x 13.3 cm), 3U height
Weight	22.3 lb (10.1 kg)
Power	380–480VAC 3-ph, 50–60Hz and 100-240VAC, 50-60Hz
Operating Environment	Temperature: 39 – 104 °F (4 – 40 °C); non-condensing

*the limits are based on product configuration.



Facility Pro® Environmental Monitoring Systems

FacilityPro 3010

A reliable data and I/O processor designed specifically for smaller systems.

PROCESSOR MODULE	SPECIFICATION
Dimensions (l, w, h)	6.2 x 19.0 x 13.2 in (15.8 x 48.3 x 33.5 cm)
Weight	27.5 lb (12.5 kg)
Power	100 – 240 VAC, 50 – 60 Hz, 350 W
Operating Environment	Temperature: 39 – 104 °F (4 – 40 °C); non-condensing
Inputs/Outputs*	Up to 64 particle or microbial inputs 32 relay or digital outputs 16 digital input 8 analog inputs 0-10 VDC or 4-20 mA

*the limits are based on product configuration.



FacilityPro 1010

Data processor with no built-in I/O, designed to provide a reliable Ethernet interface to viable and nonviable sensors.

PROCESSOR MODULE	SPECIFICATION
Dimensions (l, w, h)	6.2 x 19.0 x 13.2 in (15.8 x 48.3 x 33.5 cm)
Weight	27.5 lb (12.5 kg)
Power	100 – 240 VAC, 50 – 60 Hz, 350 W
Operating Environment	Temperature: 39 – 104 °F (4 – 40 °C); non-condensing
Inputs/Outputs*	Up to 64 particle or microbial inputs 32 relay or digital outputs 16 digital input 8 analog inputs 0-10 VDC or 4-20 mA

*the limits are based on product configuration.



Facility Pro® Environmental Monitoring Systems

Feature Comparison

PARAMETER	FACILITYPRO 1010	FACILITYPRO 3010	FACILITYPRO 5010
Particle & microbial points per processor	Up to 64 particle or microbial inputs	Up to 64 particle or microbial inputs	Up to 64 particle or microbial inputs
Digital outputs (selectable relay or 24 VDC)	–	32*	Up to 128 in processor (optional I/O module)
Digital inputs	–	16*	Up to 64 in processor (optional I/O module)
Analog inputs	–	8*	Up to 192 in processor (optional I/O module)
Cubic meter algorithms	✓	✓	✓
Tolerance checking	✓	✓	✓
Recipe-driven sampling	✓	✓	✓
Data buffer	✓	✓	✓
Scalability	✓	✓	✓
Centralized pump control	–	–	✓
Microbial monitoring with central vacuum	–	–	✓

*the limits are based on product configuration.

NEED MORE INFORMATION? Scan the QR code to connect with our team for guidance

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COMMITTED TO Net Zero

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