

Monitoring the differential pressures held within clean areas

Features:

- Continuous Monitoring
- Multichannel capacity
- Adjustable alarm limits and delay periods
- Alarm auto-reset
- Wall-mounted touch screen, HMI
- High quality pressure transmitters

Benefits:

- Automatic monitoring of pressures.
- Ideal for the smaller facility as it can be controlled and operated by site personnel
- Overview screen makes interrogation simple

Apreco's DPM system provides an effective means of monitoring the differential pressures held within clean areas.

The operator interface is kept as simple as possible to minimise staff involvement, thus allowing staff to concentrate on their work, whilst the DPM monitoring system looks after the working environment

Installation

Each system is supplied in kit form which is easily installed by competent engineers. Apreco can provide you with a quotation for installation if required. The system consists of a main HMI interface module, and all related cabling and pressure hoses as detailed in the 'specification' selection. Full installation and operating instructions are included with each system kit

Operation

Through the touch display screen, each sensor channel can be set to alarm at a specific set point at time of commissioning. The display screen gives quick visual indication as to which area is in an alarm condition. An optional audible warning siren can be supported by the system. When an alarm has been registered, it remains latched until the differential pressure has been restored in all areas where there has been an alarm condition. The system then auto-acknowledges and returns to normal operation



Product Data

Standard Enclosure x 1	Size dependant on no. of sensors
No. of Channels (sensors)	4 to 24
Sensor Range	-50 / + 50Pa (Standard)
Controller x 1 (inc remote display)	Siemens System
Beacon Alarm x 1 (integrated with HMI)	24DC
Pressure Hose	PVC 5 x8 (upto 50m per Channel)
Sensor Plates	1 per channel
Mains Supply requirements	230V AC switched and fused

Additions

The system has the ability to monitor other parameters including Relative Humidity, Temperature and other environmental sensors. Data logging can be provided as an option.