

Picture shown is for illustration purpose only. Actual product may vary due to product enhancement.

DPMS

CENTRALISED CLEAN ROOM MONITORING SYSTEM

Accel DPMS is Centralised Clean Room Monitoring System that simultaneously, effectively, accurately and conveniently monitor the Differential Pressure, Temperature and RH in multiple clean rooms in the Pharma plant. It can be installed at entrances to clean rooms and other controlled environments.

Features and Benefits

Software:

- Accurate & timely Centralised Monitoring of Differential Pressure, Relative Humidity & Temperature, simultaneously in hundreds of your Clean Rooms with the Accel Centralised Monitoring Software
- A Real Time & Equipment Specific alarm in several forms, Pop Ups on the central administrator's monitor, Email & SMS, is set off in the event of any deviations from the set limits of these three parameters in any of these rooms
- Data is available on Private & Public Cloud for Real Time audit/monitoring by the management & the operations head
- 21CFR Part 11 Compliant Centralised Monitoring Software
- Value Added MIS Reports & Graphs for Audit & Analysis

Hardware:


- 3 channel display of Differential Pressure, Temperature & Relative Humidity in Clean Rooms of Pharmaceutical plants, Research Labs, Healthcare facilities etc. Additional display can be connected on RS-485
- Accurate & reliable logging of data at User Programmable Time Intervals
- Real Time Alarm output through external Hooter for any deviations from the set limit is available. The Alarm limits of parameters being monitored can be set by the User
- Industry Standard round enclosure with 112mm diameter for easy retrofitting in the place of the existing mechanical gauges
- Easy Annual Calibration Process

TECHNICAL SPECIFICATIONS

DPMS	
Description	Centralised Clean Room Monitoring System
Display Type	Seven Segment 4 digit Display Row1 : Time Row2 : Process Value
LED Indication	Channel Number, Alarm : High/Low, Memory Full Alarm, Negative Sign, Unit's Parameter (Pascal/mm WC, °C/°F, %RH)
Transaction Capacity	10,000
Number of Channels	3 Nos.
Channel types	1. Differential Pressure 2. Temperature 3. Relative Humidity
Sensor Types	1. Differential Pressure (Internal Analog Sensor) 2. Temperature sensor external : PT100, 4-20mA, 0-1V (Factory Set) 3. Humidity sensor external : 0-1V, 0-3.3V, 4-20mA (Factory Set)
Input Range Specification	1. Differential Pressure : (0 to 100mm WC) (Inbuilt) 2. Temperature : PT100 (-90°C to 390°C) 3. Relative Humidity : (0 to 100% RH)
Channel Resolution	1. Differential Pressure : 0.1mm WC 2. Temperature : 0.1°C (depend on sensor) 3. Relative Humidity : 0.1% RH (depend on sensor)
Keypad	4 Keys (Menu, Up, Down, Enter)
Communication Port	2 No. RS-485 (1 st RS-485 for PC Comm. & 2 nd for External Display)
Alarm Output	External potential free relay output for external Hooter/ Buzzer

Software Features:	
Software Architecture	Multiple Clean rooms & Multiple Plants can be monitored centrally
Alarm & Alerts	Alarm & Alerts by way of Pop ups, Email & SMS can be sent to multiple authorities
Interface	Cloud Enabled Web Interface
Database	SQL Server
Audit Trail	Database (SQL) & GUI both supports audit trail
Reports	MIS Reports & Graphs for audit & analysis. Also value added Customization of reports are possible





A/306 Bhoomi Utsav, M G Road,
Besides Kala Hanuman Temple
Kandivali (W), MUMBAI - 400067

Dealer Stamp