

UT-1405

CLEAN ROOM MONITOR

CLEAN ROOM TEMP. + DP + TIME MONITOR



UT-1405-1

- ★ LED Dis. :- 0.56 Or 1inch
- ★ Built-in Or Remote Sensor
- ★ Modbus RS-485 com.
- ★ AHU On/Off Status
- ★ Optional Synchronised Time HH : MM - Display



UT-1405-2

- ★ LED Dis.:- 0.56 Inch
- ★ Built-in Or Remote Sensor
- ★ Modbus RS-485 or Ethernet- TCP-IP
- ★ AHU On/Off Status.
- ★ Synchronised TIME HH : MM - Display
- ★ 1L Data Memory for Auto Data Back Filling
- ★ Wireless RF & Wi-Fi.
- ★ Bluetooth



UT-1405-3/4

- ★ Touch LCD 3.2/4 Inch
- ★ Built-in Or Remote Sensor
- ★ Modbus RS-485 or Ethernet -TCP-IP
- ★ AHU on/off Status.
- ★ Synchronised TIME HH : MM : SS -Display
- ★ 1L Data Memory for Auto Data Back Filling
- ★ Wireless RF & Wi-Fi.
- ★ Bluetooth



UT-1405-7

- ★ Touch LCD 7 Inch
- ★ Built in Or Remote Sensor
- ★ Modbus RS-485 or Ethernet-TCP-IP
- ★ AHU On/Off Status.
- ★ Synchronised TIME HH : MM : SS Display
- ★ 1L Data Memory for Auto Data Back Filling
- ★ Wireless RF & Wi-Fi.
- ★ Bluetooth for Data Capturing

● ALL TYPE INDICATOR & SENSOR AVAILABLE IN FLAMEPROOF. ● COMPLIANT WITH ANY FDA 21 CFR PART-11 EMS/BMS SCADA SYSTEM.

FEATURE

- ★ USFDA- 21 CFR Part 11 - GAMP-4 Compatible With Data Logging EMS SCADA Software.
- ★ Compact, All Stainless Steel Enclosure With 35 mm Depth For Installation In Prefab Panels.
- ★ MODBUS RTU Multi Drop RS-485 / Ethernet TCP-IP / RF Wireless / Wi-Fi / Blue Tooth Comport Available.
- ★ Incorporates Highly Stable Digital Built-In Or Remote Sensor For Diff. Pressure & Temperature.
- ★ Red LED (0.56" Or 1") And Touch Screen LCD Display (3.2"/ 4"/ 7") For Displaying TEMP + DP Or With Time.
- ★ Internal Data Memory With Time Stamping With Auto Data Backfilling Facility To Avoiding Data Loss.
- ★ User Selectable Set Limits For Process Value Violation & Inbuilt Audible Buzzer With Acknowledgments.
- ★ Process Parameter Hi And Low LED Status Indication For All Three Channel With AHU On/Trip Status Indication.
- ★ All Channel Ranges & Unit Are Programmable.(Through Front Key Pad & Touch Screen).
- ★ 3 Level Password Protection For Calibration And Programming Mode.
- ★ Time Display With Auto Masters, Sever(NTP) Or GPS Time Synchronised (HH : MM).
- ★ User Programmable Delay Time Selectable For Alarm (Alert Or Action).
- ★ Brick And Modular Wall Mounting And Flush Mounting And Flameproof Model Available.

APPLICATION

- ★ HVAC (Heating, Ventilation, Air Conditioning, Cooling)- BMS.
- ★ Clean Room Application In Pharmacy & Health Care.
- ★ Data Acquisition, Analysis And Processing.
- ★ Isolation Room Or OT Monitoring Applications.-EMS.

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CLEAN ROOM MONITOR CLEAN ROOM TEMP. + DP + TIME MONITOR



TECHNICAL SPECIFICATION

INPUT	Temperature	Integral Or Remote (4-20 mA & RS 485)
	Room Deff. Pressure.	Integral Or Remote (4-20 mA & RS 485)
	Nos. of input	3 Nos . (Temp + Dp Or With Time)
	Transmitter Power Supply	24V/5 V DC @ 30 mA Max, Isolated From I/P & O/P.
INDICATION	Temperature + Diff. Room Pressure With Optional Time	LED : Red Seven Segment 0.56"/1", 6-Leds For Visual Alarms & Com
		LCD : 3.2 Inch / 4 Inch / 7 Inch- Touch Screen Multi Colour
RANGE	Temperature	-40 To 60.0 *C With Decimal Point.
	Room Diff. Pressure	-150 To 150 Pa & -400 To 400 Pa, On Site mmWC Or Pascal Selectable.
	Date & Time Synchronized	Date & Time Synchronised Trough Sever Or GPS With Built In RTC
	Display Resolution	Temp. & DP - mmWC - 0.1 & Pa - 1
ACCURACY	Temperatures	0.25 % On Fs Response Time : 8 Sec
	Room Diff. Pressure	1 % On Fs Response Time : 1 Sec
	Date & Time Synchronized	0.01 % Response Time : 1 Sec
COMMUNICATION	Communication Protocol	Modbus RTU RS-485 & Ethernet Isolated, Wireless Rf, Wi-Fi, Bluetooth
	Programmable Parameters.	Baud Rate , Parity , Node Address , Stop Bit & Ip Address
	Read /Write Parameters	Read: Process Value ,Decimal Point. Write: Hi Low Set Point.
	No. Of Slave ID	Total 1-128 Unit. With Programmable Ip Address.
PROGRAMMABLE PARAMETERS	Set point / High Scale / Low Scale	Full Range As Per Input Selection
	Programming Of Parameters	Through 4 Tactile Keys & Touch Screen (With Password Protections)
	Status Indication	Full Scale High Or Full Scale Low.
MEMORY	1 Lakh Data With Auto Data Back Filling - Logging Time Selectable : 1 To 5000 Seconds From Software.	
OTHER	Mounting	Bricks And Modules Wall Flush Panel Mounting.
	MOC	Full SS 316 Plate And Box , Back Side Wall Mounting Back Box M S
	Supply Voltage & Power Consumption	24 V DC @ 4 Watts Maximum
	Ambient Temperature & Humidity	Temp.:- 0- 50 °C Humidity Below 90% None Condensing.

ORDERING INFORMATION :

UT-1405		1	2	3	4	5
Display			EXT. Hoising	Sensor Type	AUX Power	Comm.
LED 1"T+DP	1		S S Flush mount.	Integral	230V AC	None
LED 0.56 WITH TIME	2		S S Wall mount.	Remote	110V AC	Ethernet
LCD 3.2 "	3		FLP Housing	FLP-Remote	24V DC	Rs485
LCD 4 "	4					Wi-Fi
LCD 7 "	7					Wireless- RF