UT-1401
CLEAN ROOM DIFFERENTIAL PRESSURE MONITOR

UNITECH

CE

UT-1401-1

- ✦ LED Dis. :- 0.56 Or 1 Inch
- ✦ Built-in Or Remote Sensor
- ✦ Modbus RS-485 COM.

UT-1401-2

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

UT-1401-3,4

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

UT-1401-7

- ✦ Touch LCD 7 Inch
- ✦ Built-in Or Remote Sensor
- ✦ Modbus RS-485 or Ethernet-TCP-IP
- ✦ 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.
- ✦ Red LED (0.56" Or 1") And Touch Screen LCD Display (3.2"/ 4"/ 7") For Displaying 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.
- ✦ Isolation Room Or OT Monitoring Applications.-EMS
- ✦ Data Acquisition, Analysis And Processing

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TECHNICAL SPECIFICATION

INPUT	Room Deff. Pressure.	Integral Or Remote (4-20 mA & RS 485)
	Nos. Of Input	1 Nos . (Dif. Pressure Or With Time)
	Transmitter Power Supply	24 V/5V Dc @ 30 mA Max, Isolated From I/P & O/P.
INDICATION	Diff. Room Pressure With Optional Time & Date	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	Room Diff.Pressure.	-150 To 150 Pa & -400 To 400 Pa, On Site mmWC Or Pascal Selectable.
		-1000 To 1000 Pa & -10000 To 10000 Pa, On Site mmWC Or Pascal Select
	Time Synchronized	Date & Time Synchronised Trough Sever Or GPS With Built In RTC)
	Display Resolution	DP - mmWC - 0.1 & Pa - 1.
ACCURACY	Room Diff. Pressure.	1 % On Fs Response Time : 1 Sec
	Time Synchronized	0.01 % Response Time : 1 Sec
COMMUNICATION	Communication Protocol	Modbus RTC 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 PARAMETER	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 S S 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-1401	**1**		**2**		**3**		**4**		**5**
Display		**EXT. Housing**		**Sensor Type**		**AUX Power**		**Comm.**	
LED 0.56"DP	1	S S Flush mount.	S	Integral	I	230V AC	2	None	N
LED 0.56 WITH TIME	2	S S Wall mount.	W	Remote	R	110V AC	1	Ethernet	1
LCD 3.2 "	3	FLP Housing	F	FLP-Remote	F	24V DC	4	Rs485	4
LCD 4 "	4							Wi-Fi	2
LCD 7 "	7							Wireless- RF	3