





TRP-100-4

TRP-100-3

TRP-100-6

NOTE: Model No: TRP-100-1, TRP-100-2, TRP-100-5, TRP-100-7 will have same physical appearance as model TRP-100-6 with display as per selected model

FEATURES

- Automatic recording of Temperature/ Humidity/ Dew point/ Differential pressure as per set time or on key press
- LOW/HIGH (Min / Max), Average value display on LCD
- Configurable alarms with LOW/HIGH SET points along with vibrator, buzzer and LED indication.
- Battery powered with rechargeable battery facility.
- Battery status indication on the LCD display with battery charging LED indication and BAT low indication with Buzzer
- Password protected function menu
- Optional data logging facility with 50000 records downloadable with PC software
- Easy handling and programming with 3 keys and one key for power ON/OFF
- Small compact & light weight

APPLICATIONS

- Pharmaceutical Warehouses
- Shipping containers
- Life Sciences
- Food industry
- Modern Agriculture
- Flowers and Plants
- Breeding Industry
- Cool Cabinets
- Medical Cabinets
- Cold Storage
- Greenhouses

- Oil and Gas flow metering in on shore off share and subsea application.
- Water and effluent treatment plants to monitors filters.
- It is used to monitor sprinkle system.
- HVAC (Heating, ventilation, Air conditioning, Cooling) system to check the filters
- Duct and pump monitoring
- Check for leak detection

TECHNICAL SPECIFICATIONS

General

Sensor Humidity, Temperature and Dew

Point Sensor, Built-in different

pressure sensor

Set : Two independent Alarm set

Point points, AL1 & AL2 for

Temperature/ Humidity/

Differential Pressure/Dew point with LED indication (Common

LEDs)

Integrated Buzzer and Vibrator for

Alarm Violation

Alarm High or Low Programmable

Logic

Setting by 3 keys on front panel Setting

i.e. (SET, SHIFT, INCR)

LCD : 4x2 digit segmented LCD for

display of 2 No parameters among

Temperature/Humidity

/Differential Pressure/Dew point (selected two Parameter at the

time)

Range and Resolution					
Sr.	Range	Res	olution	Accuracy	
No					
Differential Pressure					
1	-100 to 100 mmWC		0.1	±1% of FS	
2	-10 to 10 cmWC		0.1	±1% of FS	
3	-7.5 to 7.5 mmHG		0.1	±1% of FS	
4	-500 to 500 Pascal		1	±1% of FS	
5	-10 to 10		0.1	±1% of FS	
	Hectopascal				
Temperature					
6	-40 to 100°C		0.1	±0.5% of FS	
Relative Humidity					
7	0% to 100 % RH		0.1	±2.0% of FS	
Dew Point					
8	-60 to 30°C		0.1	±2.0% of FS	

NOTE:

- Dew point indication available for in line indication as well as for ambient indication
- Dew point indication for in-line monitoring will not be available with Temp/RH/ Differential Pressure Parameter

Environmental

Operating : -10 to 55°C Temp -10 to 60°C

Storage Temp.

Humidity Below 95% RH, Non

condensing

ELECTRICAL

Power Li- polymer, Rechargeable Supply

Battery with charger. With 10

Hours of runtime on full

charge (with all alarm violation indications i.e. buzzer, vibrator

and LEDs)

Common Deliverable

User Manual

Protective cover

AC Charging Adaptor

Test & calibration certificate

Optional Data Logging

: 50000 records Logging Record

> capacity with data can be visible in ASCII format while downloading in the PC

Download : Through USB interface using

Terminal

Enclosure Details

Material : ABS Plastic

140mm(L) x 70mm(W) x Size

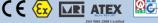
30mm(H)

weight : Approx 210 grams

ORDER INFORMATION					
PORTABLE TYPE	MODEL	LOGGING			
	NO	OPTION			
TEMPERATURE	TRP-100-1				
HUMIDITY	TRP-100-2	1) LOGGING			
DIFFERENTIAL	TRP-100-3	2) NO LOGGING			
PRESSURE					
DEW POINT	TRP-100-4				
IN-LINE					
MONITORING					
DEW POINT	TRP-100-5				
AMBIENT					
TEMPERATURE	TRP-100-6				
& HUMIDITY					
TEMPERATURE	TRP-100-7				
& HUMIDITY &					
DEW POINT					

Manufactured by:











Dealers:

Version TRP-100-R1-05-02-2019