

CARE

Process Instruments



DT-172 Temperature and Humidity Datalogger

This Datalogger module can be used to monitor humidity and temperature of greenhouses, warehouses, food transports, aircraft cabins, refrigerated trucks, containers, museums, and HVAC equipment. It measures and stores up to 32700 relative humidity and 32700 temperature readings over 0 to 100%RH and -40 to +70°C (-40 to +158°F) measurement ranges by your PC with USB interface. The LCD can show current readings, MAX, MIN, and sign of alarm

Features:

1. Memory for 32700 readings(16350 temperature and 16350 humidity readings)
2. Dew point indication via Windows Software
3. Selectable measuring cycle: 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m, 1hr, 2hr, 3hr, 6hr, 12hr, 24hr
4. Status Indication via Red/Yellow LED and Green LED
5. USB Interface for Set-up and Data Download
6. User-Programmable Alarm Thresholds for Relative Humidity and Temperature
7. Analysis software used to view graph for logging data
8. Multi-mode to start logging
9. Long battery life

Accessories:

3.6V Lithium battery and CD software

Specifications:

		Min	Typ.	Max.	Unit
Relative Humidity	Measurement range	0		100	%RH
	Repeatability		±0.2		%RH
	Accuracy		±3.0		%RH
	Response time		5		Sec.
	Long term stability		1		%RH/Yr
Temperature	Measurement range	-40(-40)		+70(+158)	()
	Repeatability		±0.2(±0.4)		()
	Accuracy		±1.0(±2.0)	±2.5(±5.0)	()
	Response time		20		Sec.
Dew point	Accuracy(25 , 40-100%RH)		±2.0±4.0)		()
Measuring Rate		Every 2s		Every 24h	
Operating Temp. range		-40(-40)		±70(+158)	()
3.6V Lithium battery life			1		Year

Size (H x W x D) : 94x48x33mm

Weight : 115g