

# Temp. & Humidity Datalogger

Model : EQ-171



Laboratory  
R & D Center



Refrigeration Vans



Process Area



Storage Area



Pharmaceutical

## Features :

- ▶ Memory of 32,000 readings Fast Response and Cost Effective Model
- ▶ Freely logging interval configurable from 1sec. to 2hrs.
- ▶ Dew Point indication via Windows Software
- ▶ Selectable logging interval
- ▶ Long Battery Life
- ▶ USB Interface for Set up and Data Download
- ▶ User Programmable Alarm Thresholds
- ▶ Start / Stop logging by pressing a button

Compact Datalogger for recording the both Temperature / Humidity. It stores up to 32,000 readings of Temperature & Relative Humidity. User can easily set up the logging Interval, high/low alarm and start mode and download the stored data by plugging the module straight into a PC's USB port. Data Downloading Software is compatible to Windows98, 2000, XP or Vista. Status indication is via flashing Red / Yellow LED and Green LED.



## SPECIFICATION :

|                        |   |
|------------------------|---|
| <b>Measuring Range</b> | -40 to 70°C / 0 to 100% RH  |
| <b>Accuracy</b>        | ± 0.5°C / ± 3% RH   |
| <b>Repeatability</b>   | ± 0.2°C / ± 0.2%RH  |
| <b>Resolution</b>      | 0.1°C / 0.1% RH   |
| <b>Sampling Rate</b>   | selectable – 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m, 1hr, 2 hr, 3 hr, 6hr, 12hr, 24hr |
| <b>Operating Temp</b>  | -40 to 70°C   |
| <b>Power Supply</b>    | 3.6V Lithium Battery  |
| <b>Battery Life</b>    | 1 year for 5S sample Rate<br>2.5 year for 10S sample Rate                         |
| <b>Dimension</b>       | 130 × 30 × 25mm   |
| <b>Weight</b>          | 20 g  |



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