

# 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 :

|                        | Temperature  | Humidity  |
|------------------------|--|---|
| <b>Measuring Range</b> | - 40°C to 70°C   | 0 to 100% RH  |
| <b>Accuracy</b>        | ± 1 °C (-10 to 40°C)<br>± 2 °C (-40 to -10°C)<br>& (+40 to 70°C)                     | ± 3%RH (40 to 60% RH)<br>± 3.5%RH (20 to 40% RH) & (60 to 80%)<br>± 5%RH (0 to 20% RH) & (80 to 100%) |
| <b>Sampling Rate</b>   | Selectable – 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m,<br>1hr, 2 hr, 3 hr, 6hr, 12hr, 24hr |   |
| <b>Operating Temp.</b> | - 35°C to 80°C   |   |
| <b>Power Supply</b>    | 3.6V Lithium Battery   |   |
| <b>Battery Life</b>    | 1Year (typ.) depending on logging rate, ambient temperature & use of alarm LEDs      |   |
| <b>Dimension</b>       | 101 × 25 × 23mm  |   |
| <b>Weight</b>          | 172 g  |   |



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