

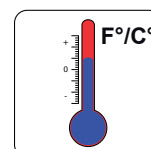
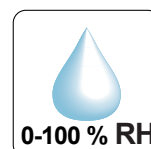
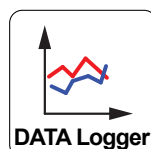
## TEMPERATURE AND HUMIDITY LOGGER TH-680L

### FEATURES

- Memory for 32000 readings (16000 temperature and 16000 humidity readings)
- Dew point indication via Windows Software
- Selectable measuring cycle: 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m, 1hr, 2hr, 3hr, 6hr, 12hr, 24hr
- Status Indication via Red/Yellow LED and Green LED
- USB Interface for Set-up and Data Download
- User-Programmable Alarm Thresholds for Relative Humidity and Temperature
- Analysis software used to view graph
- Multi-mode to start logging
- Long battery life



| Specification                                     | Min                              | Typ          | Max           | Unit          |          |
|---|----------------------------------|--------------|---------------|---------------|----------|
| Relative Humidity                                 | Measurement Range                | 0            |               | 100           | %RH      |
|   | Repeatability                    |              | ± 0.2         |               | %RH      |
|   | Accuracy**                       |              | ± 3.0         |               | %RH      |
|   | Response Time                    |              | 5             |               | Second   |
|   | Long term stability              |              | 1             |               | %RH/Year |
| Temperature                                       | Measurement range                | -40 (-40)    |               | +70 (+158)    | °C (°F)  |
|   | Repeatability                    |              | ± 0.2 (± 0.4) |               | °C (°F)  |
|   | Accuracy                         |              | ± 1.0 (± 2.0) | ± 2.5 (5.0)   | °C (°F)  |
|   | Response Time                    |              | 20            |               | Second   |
| Dew Point   | Accuracy**<br>25° C, 40-100% RH) |              | ± 2.0 (± 4.0) |               | °C (°F)  |
| Sample Rate                                       |                                  | every 2 Sec. |               | every 24 hour |          |
| Operation Temperature range                       | -40 (-40)                        |              | +70 (+158)    |               | °C (°F)  |
| 3.6 V Lithium Battery Life * @ 5 sec. sample rate |                                  | 1            |               |               | Year     |



## Temperature and Humidity meter TH-680L

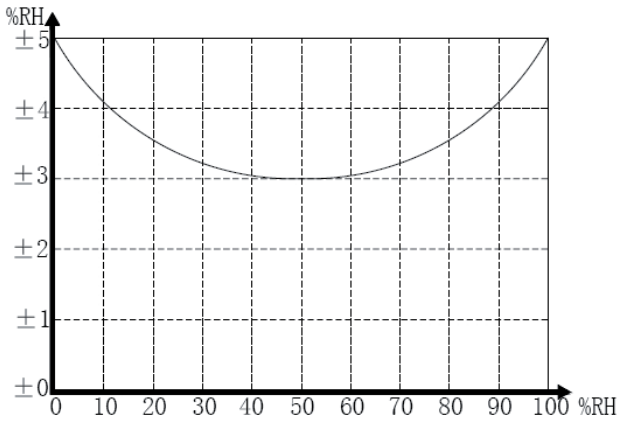


Figure 1 Relative Humidity Accuracy

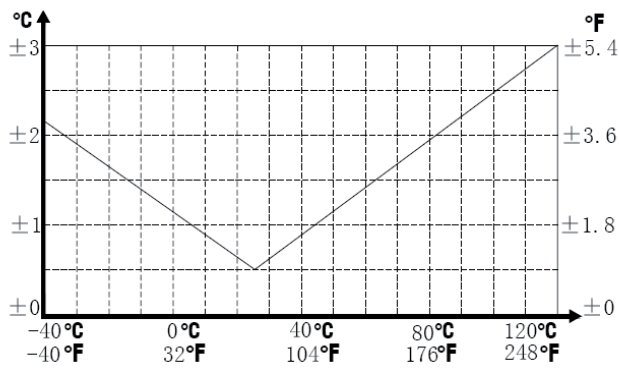
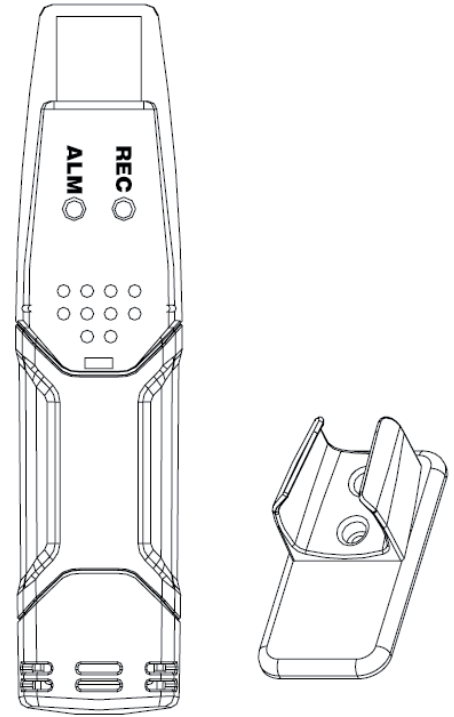
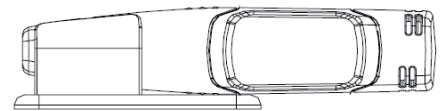
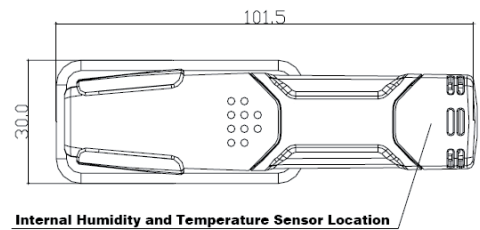


Figure 2 Temperature Accuracy



### DIMENSIONS



(All dimensions in mm)