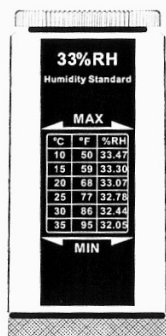
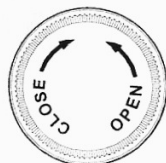


# HUMIDITY STANDARD OPERATION MANUAL



## ● Introduction:

This calibration device is provided for the humidity probe of diameter 15mm. Do not use this device on other probes because it will either produce non-conforming humidity output or damage the device.

The operating principle of this humidity calibration device is based on the fact that a saturated salt solution generates a fixed relative humidity in the air on its interface with air under stable condition. With this device, the operator can perform a humidity calibration in a very convenient way.

## ● Specifications:

Temperature Ratings:

Accuracy:  $\pm 1\%$  at  $25^{\circ}\text{C}$  ( $77^{\circ}\text{F}$ ) (assume good temperature stability during test).

Humidity Ratings:

RH values: 32.8% ; 75.3% ( other value available upon request)

Dimensions:

Cell: 39mm(1.54 in) diameter x 83mm(3.27 in) high.  
Measuring port: 15mm(0.6in) diameter.

## When using the device please be noted:

1. The output will change with operating temperature a little bit. Please check the label outside the device for more precise value.
2. To ensure the accuracy of the humidity output, keep the environment temperature stable as much as possible and it will result the best performance.
3. Please check the water level is within the Max and Min margin indicated on the label. If the water level is outside these limits, the output might be inaccurate.
4. Please put the cap back to seal the bottle after use to extend its operating period.
5. Do not operate this device if leak or broken surface is found in the center cavity.

## ● Description of the device:

