

ELECTRONIC THERMO-HYGROMETER

MODEL: ETHG912

USER'S MANUAL

INTRODUCTION

Thank you for purchasing the Oregon Scientific thermohygrometer. This thermo-hygrometer has been designed specifically with performance and ease of use in mind. As with all Oregon Scientific products, this thermo-hygrometer is made to the highest quality standards using precision electronic components and should give you many years of trouble free use.

Please read the User's Guide carefully before use to ensure you get the best out of your new thermo-hygrometer.

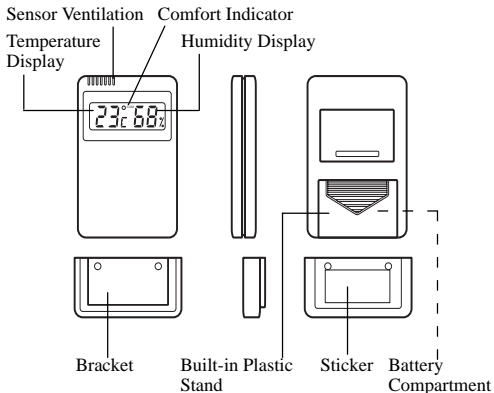
INDOOR THERMOMETER WITH RELATIVE HUMIDITY READING

The Thermo-hygrometer is specially designed for accurate reading of indoor temperature and relative humidity. It can help you control humidity and your heating / cooling system, for an ideal living environment.

FEATURES

- Easy Operation - Displays the temperature and relative humidity reading automatically.

- Error-free Reading - Digital display system ensures clear, error-free reading at a glance.
- Temperature compensation - Assures accurate relative humidity measurement unaffected by temperature change.
- Comfort indicator - The comfort indicator lets you know when your environment is in the ideal range for both relative humidity and temperature.
- Mounting - Table or Wall mount



INSTALLING AND REPLACING OF BATTERY

The thermo-hygrometer is powered by one piece UM-4 or 'AAA' size battery,

Follow these steps to install or replace the batteries:

1. Open the battery cover on the back of the unit.
2. Insert the battery as indicated by the polarity symbols (+/-) marked inside the battery compartment.
3. Replace the battery cover.

Notes:

1. When you install or replace the battery, it takes time to reset both the temperature and humidity data.

The display will show '---°C' and '88%' for 1 to 2 seconds, then it shows the updated temperature and humidity reading.

2. When the display becomes dim, it is time to replace the battery.

HOW TO READ RELATIVE HUMIDITY AND COMFORT INDICATORS

The unit shows the indoor relative humidity and this reading is temperature compensated.

At the same time, the comfort indicators - **COM**, **WET** or **DRY** will tell you if the current environment is comfortable, too wet or too dry.

The comfort indicators will appear on the display when the following conditions occur:

Indicator on the display	Temperature Range	Humidity Range	Shows that the Current Environment
COM	20°C to 25°C (68°F to 77°F)	40% RH to 70% RH (comfort)	Ideal range for both relative humidity and temperature
WET	0°C to 50°C (32°F to 122°F)	Over 70% RH	Contain excess moisture. (Too wet)
DRY	0°C to 50°C (32°F to 122°F)	Below 40% RH	Contain inadequate moisture.(Too dry)

Note: Some environments may exceed the above standards. If it is the case, there will be no **COM**, **WET** or **DRY** indicator displayed.

USE OF SUPPLIED STAND

You can set your Thermo-hygrometer on a table as follows:

1. Remove the plastic bracket
2. Flip out the built-in plastic stand on the back side of the Thermo-hygrometer.

MOUNTING THE THERMO-HYGROMETER

Follow these steps to mount the Thermo-hygrometer:

1. The Thermo-hygrometer has a plastic bracket with sticker pad on the back side of the bracket.
Peel off the protective paper on the sticker pad for attaching the bracket on a wall.
2. Slide the thermo-hygrometer down into the holder unit until it locks into place.

Note: do not place the Thermo-hygrometer in direct sunlight or in area exposed to heavy saturation.

PRECAUTION

When handled properly, this unit is engineered to give you years of satisfactory service. Here are a few product care instructions:

1. Do not immerse the unit in water. If the unit comes in contact with water, dry it immediately with a soft lint-free cloth.
2. Do not clean the unit with alcohol containing detergent, abrasive or corrosive materials. Abrasive cleaning agents may scratch the plastic parts and corrode the electronic circuit.
3. Do not subject the unit to excessive: force, shock, dust, temperature, or humidity. Such treatment may result in malfunction, a shorter electronic life span, damaged batteries, or distorted parts.
4. Do not tamper with the unit's internal components. Doing so will terminate the unit's warranty and may cause damage. The unit contains no user-serviceable parts.

5. Only use new batteries as specified in this instruction manual. Do not mix new and old batteries as the old batteries may leak.
6. Read this instruction manual thoroughly before operating the unit.

SPECIFICATIONS

Temperature	: 0°C to 50°C (32°F to 122°F)
Measuring range Temperature	: 1°C (2°F)
Resolution Humidity	: 25% RH to 95% RH at 25°C (77°F)
Measuring range Humidity	: 1% RH
Resolution Power Source	: One (1) UM4 (AAA) battery
Battery Life	: Approx. 6 months
Dimension	: 93 x 62 x 15 mm (H x W x D)
Weight	: 80 g (without battery)

CAUTION

- The content of this manual and the product specifications are subject to change without further notice.
- The technical specifications of this product are subject to change without notice.
- The contents of this manual may not be reproduced without the permission of the manufacturer.