

# EE02 Series

## High Accuracy Thermo - Hygrometer

The new hygrometer EE02 is the combination of high accuracy measurement technology with modern design. The relative humidity and temperature values with trend indication are alternating on the large display.

High quality E+E sensor technology and state of the art microprocessor based electronics result in highest accuracy and long term stability. The very low power consumption allows battery operation and independence from external power supply. The standard batteries, replaceable by the user, have a life time about 5 years.

The modern housing concept makes the wall mounting very easy. EE02 can be used as bench mount as well, the free standing kit is included in the scope of supply.

EE02 is available upon request as OEM thermo - hygrometer with your company logo.



### Typical Applications

- climate monitoring for:**
- office spaces
  - private areas
  - laboratories
  - food stores
- gift article**

### Features

- easiest mounting**
- modern design**
- highest accuracy**
- traceable calibration**
- long battery life time**
- available as OEM meter**

### Technical Data

#### Measuring Quantities

##### Relative Humidity

Humidity sensor type	HC103	
Working range <sup>1)</sup>	10...95% RH	
Resolution	0.1% RH	
Accuracy at 20°C (68°F)	±2% RH (40...60% RH)	±3% RH (10...95% RH)
Trend indication	Traceable to intern. standards, administrated by NIST, PTB, BEV...	
	yes	

##### Temperature active

Working range	-5...55°C (23...131°F)	
Resolution	0.1°C	
Accuracy at 20°C (68°F)	±0.3°C (±0.54°F)	
Trend indication	yes	

#### General Data

Sampling rate	10s	
Current supply	2x 1.5V AAA Alkali battery (included in the scope of supply)	
Battery life time	typ. 5 years	
Display	°C or °F (selectable by jumper)	
CE compatibility according	EN61000-6-1	EN61326-1+A1+A2
	EN61000-6-3	
Temperature ranges	Working temperature range:	-5...55°C (23...131°F)
	Storage temperature range:	-20...60°C (-4...140°F)
Dimensions	85 x 100 x 26 mm (3.3 x 3.9 x 1")	
Housing / protection class	PC, IP20	

1) Please refer to the working range of the HC103



### Ordering Guide

#### MODEL

EE02 with E+E logo	(EE02-FT01)
EE02 without E+E logo	(EE02-FT01-L01)