

## Economical Humidity/Temperature Sensor USB Interface

### RH-USB



Optional

- ✓ Connects Directly to a USB Port on Your Computer
- ✓ Free TRH Central Software Available for Download Converts Your PC into a Humidity and Temperature Meter, Data Logger or Chart Recorder
- ✓ Accurate to  $\pm 3\%$  RH,  $\pm 1^\circ\text{C}$  ( $\pm 1.8^\circ\text{F}$ )
- ✓ 316 SS Housing and Removable Stainless Steel Sensor Filter
- ✓ Suited for Wall or Duct Mounting
- ✓ RoHS 2 Compliant

The RH-USB relative humidity/temperature sensor provides a reliable and economical method for most relative humidity and temperature monitoring applications. The compact design is ideal for wall or duct mounting. Each unit is factory calibrated to provide excellent sensitivity, fast response, and stability. The unit features a simple installation with a direct USB connection. The free user software converts your PC into both a humidity and temperature meter, chart recorder or data logger. The design features a 316 SS NEMA 4 (IP66) housing. A mounting kit is also available that allows for wall or duct mounting.

Free Recording/  
Logging Software  
Available for  
Download from  
OMEGA!



Computer not included.

RH-USB shown  
smaller than  
actual size.

### Specifications

#### Temperature:

**Range:** -17 to 49°C (1 to 120°F)

**Accuracy:**  $\pm 1^\circ\text{C}$  ( $\pm 1.8^\circ\text{F}$ )

#### Relative Humidity:

**Range:** 2 to 98% RH

**Accuracy:**  $\pm 3\%$  RH  
(at 15 to 90% RH)

**Repeatability:**  $\pm 1\%$  RH

#### PC Interface: USB

**USB Cable:** Integral to sensor,  
2 m (6') (shielded) Type A plug

#### Software Free Download from OMEGA:

Requires Windows® 2000, XP,  
Vista (32-bit) or Windows 7 (32-bit)

**Housing:** 316 stainless steel

**Dimensions:** 138 L x 16 mm D  
(5.5 x 0.625")

**Weight:** 67 g (0.18 lb)

Thermocouple  
Probe with USB  
Connection Available.  
See Model TJ-USB



HX70-MKIT wall/duct mounting kit,  
shown smaller than  
actual size.

### To Order

Model No.	Description
RH-USB	Humidity temperature sensor with USB connection

### Accessories

Model No.	Description
HX70-MKIT	Wall/duct mounting kit
CAL-3-HU	NIST traceable calibration with 3 data points

Comes complete with an integral shielded 2 m (6') USB cable with Type-A connector, removable protective sensor filter and operator's manual. Free software available for download from OMEGA.  
**Ordering Example:** RH-USB RH/temp sensor and HX70-MKIT wall/duct mounting kit.