

# DAS – USB

## Economical Humidity/Temperature Sensor



RH-USB

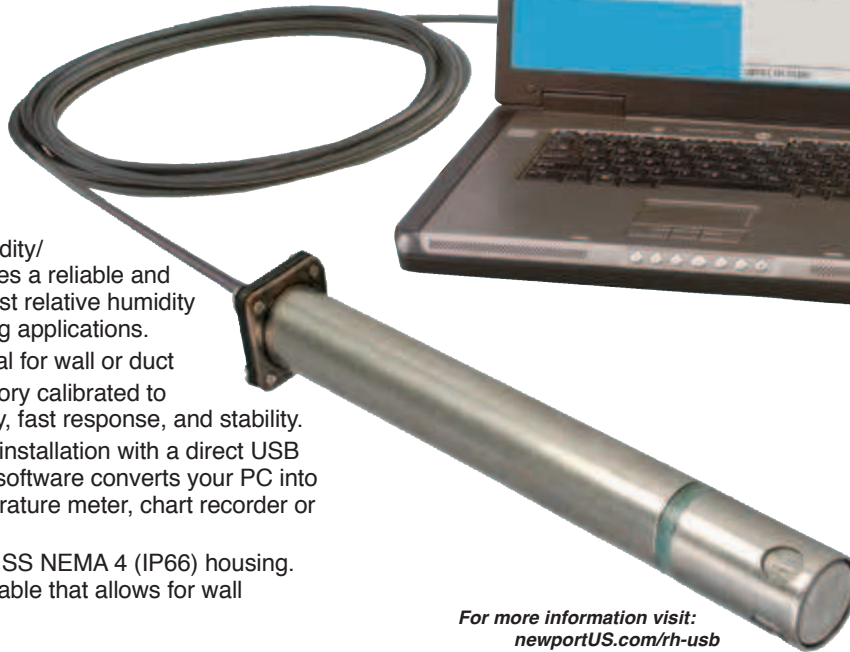
- ✓ Connects Directly to a USB Port on Your Computer
- ✓ Free Software Converts Your PC into a Humidity and Temperature Meter, Data Logger or Chart Recorder
- ✓ Accurate to  $\pm 3\%$  RH,  $\pm 1^\circ\text{C}$  ( $\pm 1.8^\circ\text{F}$ )
- ✓ 316 SS Housing and Removable Stainless Steel Sensor Filter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

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



Laptop not included

Items shown are not actual size.

For more information visit: [newportUS.com/rh-usb](http://newportUS.com/rh-usb)

### SPECIFICATIONS

#### RELATIVE HUMIDITY:

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

**Range:** 2 to 98% RH

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

#### TEMPERATURE

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

**Range:**  $-17$  to  $49^\circ\text{C}$  ( $1$  to  $120^\circ\text{F}$ )

**PC Interface:** USB

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

**Software (included free):**

Requires Windows® 2000, XP, VISTA (32-bit) or Windows 7 (64-bit)

**Housing Material:** 316 stainless steel

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

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



**HX70-MKIT,**  
wall/duct mounting kit,

Items shown are not actual size.

Model No.	Description
RH-USB	Humidity temperature sensor with USB connection
<b>Accessories</b>	
CAL-3-HU	NIST traceable calibration certificate. Three humidity points: 25%, 50%, 75%, one temperature point 25°C (for new units)
HX70-MKIT	Wall/duct mounting kit

**Ordering Example:** RH-USB, an RH/temp sensor; HX70-MKIT, a wall/duct mounting kit.

Comes complete with an integral shielded 2 m (6') USB cable with Type-A connector, free software, removable protective sensor filter and operator's manual.