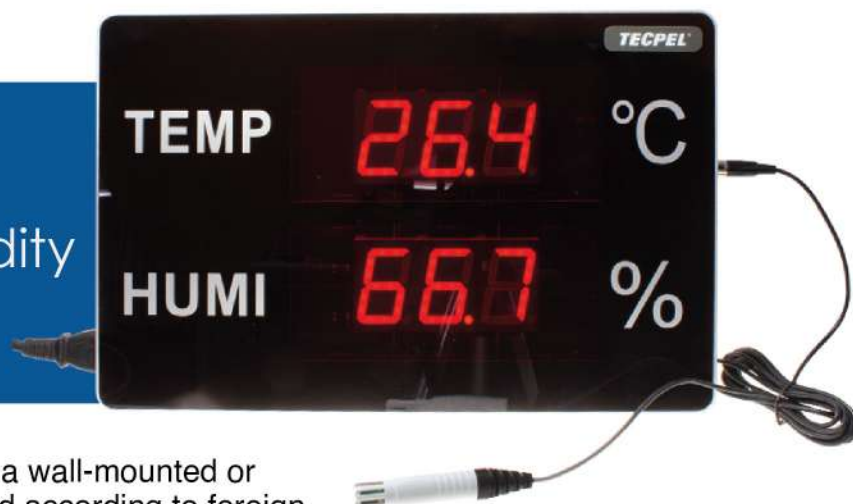




TRH-3305

Temperature & Humidity Display Billboard



Large LED display thermohygrometer is a wall-mounted or hanging measuring instrument developed according to foreign advanced technology and customer requirements. It has a large LED display that can display temperature and humidity at the same time, external temperature and humidity sensor.

The sensor is separated from the display billboard, sense. The actuator cable is 3 meters long and can flexibly measure the monitoring area. The precision temperature and humidity sensor has a small error and can be used for precision monitoring environment, temperature error specification of only 0.5 °C and humidity of 5 %RH. Compensates for temperature and humidity measurements. When the sensor is gradually aging, it can be repaired digitally to compensate for the error value, which delays sensor usage time.

Features

- Viewing range up to 20 meters
- High accuracy
- Displays temperature and humidity.
- Reliable and stable sensors
- Calibration function
- External power supply and wall mount

Applications

Widely used in museums, offices, hotels, restaurants, schools, conference rooms, waiting rooms, hospitals, factories, shopping malls, warehouses, indoor environment, etc

Specifications

Measurement range	-30 ~ 70.0 °C / 20.0 ~ 99.9% RH
Resolution	0.1 °C (0 degrees or more) / 0.1% RH
Accuracy	±0.5 °C / ±5 %RH (@25°C)
LED font size	45 x 26 mm
Operating environment	395 x 255 x 55 mm / 2.3 kg
Frame size/weight	0 ~ 50 °C / 20 ~ 90 %RH (non-condensing)
Working AC input voltage	100 - 240V AC , 50/60Hz



TRH-403

Wall-mounted Temperature and Humidity Transmitter with LCD display

TRH-403 wall-hanged temperature and humidity transmitter (including display). In addition to transmitting voltage or current analog signals. It also provides a screen display function and supports 4~20mA, 0~10V, and RS485 formats.



Features

- Ingress Protection : IP 20 (Main Structure)
- Junction : 5-10mm cables Waterproof fast wire connector and terminal block
- Signal Output : 4~20mA / 0~20mA / 0~10V / MODBUS RS485
- DO Contact : Use switch contacts
- Button: Full capacitive touch button (finger touch sensor)

Specifications

Measurement Type	Temperature, Humidity, Dew Point
Temperature Range	-9.9~60°C
Humidity Range	0~100% RH (at 0~60 °C)
Dew Point Range	-10~50°C
Unit	°C (Temperature, Dew Point) / %RH (Relative Humidity)
Accuracy	±0.4 °C / ±3 %RH
Resolution	0.1°C / 0.1 %RH /1°C (Dew Point)
Working Environment	-10~60°C / lower than 100%RH without dew
Storage Environment	-10~40°C / lower than 70%RH without dew
Elevation Limitation	Lower than 1,000 meters
Power Supply	DC 24V



TR-S500

Digital Temperature and Humidity Transmitter + data logger



TR-S500 temperature and humidity recorder use an external sensor. It can quickly measure changes in environmental temperature, humidity and record at the same time. And has a high and low alarm function which can remind users of abnormal environments.

Features

- Data Logging: 43,000 set
- Recording interval: 2 Sec. ~24 hours
- Measuring Frequency: 1~240 Sec.
- Backlight Display
- Panel Lock
- MAX. / MIN.
- Beeper
- Time Display
- Record Number Display
- External Sensor: Extension cable is about 3 meters

Specifications

Temperature Range	-40 ~ 85 °C
Humidity Range	0 ~ 100 %RH
Temperature Accuracy	±0.5 °C
Humidity Accuracy	±5 %RH
Resolution	0.1°C / 0.1%RH
Working Environment	-10~50°C / lower than 90%RH without dew
Storage Environment	-10~50°C / lower than 70%RH without dew
Elevation Limitation	Lower than 1,000 meters
Power Supply	9V Battery or Adaptor
Dimension / Weight	135 x 128 x 35mm / Approx. 330g
Accessory	Transmission line, battery, software CD, manual, adaptor



TRH-301, 302, 303

Temperature / Humidity Transducer

TRH-300 series utilizes a thin-film polymer capacitor to sense relative humidity, and a thin-film RTD to accurately sense temperature.



Features

- TRH-301 Temperature transmitter
- TRH-302 Humidity transmitter
- TRH-303 Temp./hum. Transmitter
- Fast, stable and accurate.
- Watertight enclosure.
- Compact size, Easy mounting.
- Excellent Long-term stability.
- Wide input voltage range.(12Vdc~40Vdc)
- Available with either Current or Voltage output.
- On-site, Two point calibration. (Zero and span)
- ABS plastic watertight enclosure (IP 65)
- Connection Liquid-tight nylon, cable Bushing: 5-10mm cables

Specifications

Measuring Range	0~100°C (-20~+80°C, 0~50°C, -40~+60°C available) 0~100% RH
Accuracy	(at 25°C) ±2% RH, ±0.3°C
Stability	Better than 1% RH per year (Typical)
Temperature compensation	±0.008% RH / °C (Effect @ 0% RH)
Response time	< 15 seconds (90% at +25°C in moving air at 0.5 M/S)
Sensor Humidity	Thin-film capacitor
Temperature	RTD Pt 100 Ohm DIN, IEC751
Signal output	Humidity: 4~20mA Two wire Temperature: 4~20mA Two wire (selectable)
Selectable output signal	0 to 1 V, 0 to 5 V, 0 to 10 V or 1 to 5V. (option)
Working Voltage	12~36 VDC
Sensor protection	Sensor filter, Part No. TR-3066. (option)
Working ambient	-40~+85°C (-40~+185°F)
Weight	Approx. 150 g



TRH-3308A

Temperature Humidity
meter LED Monitor with
Data logger



Large Digital Temperature and Humidity displays LED Monitor

Features

- Complete environmental monitoring and alarm solution
- Wall-Mounted LED type for easy reading
- Alarm set for CO2 (TRH-3358A) and Temperature and Humidity
- USB Datalogging Capacity 65,000 records
- Real-time data display

Applications

- Warehouses
- Hospitals blood/Tissue banks
- Laboratories
- Computer rooms
- Chambers/incubator
- Clean rooms
- Electronics manufacturing
- Defense
- Refrigerators/Freezers
- Other Critical areas

Specifications

Sampling time	1 time/second
Interval time	1s~24hrs
Output interface	RS485/RS-232/USB With a time of three options
Analog output	4-20mA Output (RL<=250Ω)
Dry contact (Relay Switch)	Contact:Max. 1A@30Vdc Resistive loa
Power	24Vac/Vdc±20%(50...60Hz)and 9-15V Adaptor
Power consumption	6W@24Vdc
Type	Diode
Range	-20°C~70°C/-4°F~158°F
Accuracy	±1.0°C (5~60°C)other±2°C
Resolution	0.1°C/0.1°F (0~35°C/32°F~95°F); 1°C/1°F (over 100°C/°F or below -10°C/°F)
Response Time	Typ.1 second
Type	Capacitive
Range	5-95%
Accuracy	±5.0%RH (20~80%);±8.0%RH (80%)
Resolution	0.1%
Response Time	Typ.4 seconds