

# Environmental Monitoring

## Combined Humidity and Temperature Indicator

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### FEATURES

- Display temperature humidity and time simultaneously
- Memory of MAX & MIN measuring value
- 12-hour/24-hour displaying system selectable
- °C/°F unit selectable
- Integral-hour alarm function
- Alarm function
- Clock & Calendar function (month and date)
- Desk-top placing or wall hanging

Part No.	Product No.	Description	Temp.range	Humidity range
49806	HTC-1	Operation Manual For Temp. & Humidity Meter (AAA*1PC)	-50~70	10%~99%RH

### SPECIFICATION

- Temperature range:
- Temperature: -50~70°C (-58~+158°F)
- Humidity range: 10%~99%RH
- Resolution: temperature: 0.1°C (0.1°F)  
Humidity: 1%RH
- Accuracy  
temperature: ±1°C (1.8°F)  
humidity: ±5%RH (40%~80%)
- Power supply: 1.5V (AAA size) x1
- Product dimension: 100x108x20mm
- Weight: approx. 160g
- Storage condition: -20°C~60°C, 20~80%RH



- Temperature function
- Temperature Range: -40°C to 70°C (-22°F to 158°F)
- Resolution: 0.1°C (0.1°F or 0.2°F)
- Accuracy: ±1°C (±2°F)
- Temperature display can be in °C or °F
- Max-Min temperature memory function
- Humidity measuring function

- Humidity range: 20%RH to 90%RH
- Resolution: 1%RH
- Accuracy: ±3%RH (between 50~80%RH)
- Max-Min humidity memory function
- clock function display of hour minute and AM/PM
- Time format switch able (12hours format or 24hours format)
- Use 1x1.5V AAA Battery

Part No.	Product No.	Description	Temp.range	Humidity range
15989	KSW-06	Combined Humidity And Temperature Indicator	-40~70	20%RH~90%RH



Part No.	Product No.	Description	Temp.range	Humidity range	Power Supply
49886	MHT-18	Digital Thermometer & Hygrometer	-5~50 (23~122)	30%~90%	DC3V



### APPLICATIONS

- Laboratory
- Quality control
- Air-Conditioning
- Process Engineering

### SPECIFICATIONS

Range: Humidity	10% to 95% R.H.
Temperature	-20 °C to +60 °C ; -4 °F to +140 °F
Resolution	0.1% R.H. 0.1 °C , 0.1 °F

#### Accuracy (after calibration)

Humidity	+/- 3% R.H. (at 25 °C , 30...95% R.H.)
Temperature	+/- 0.8 °C , +/- 1.5 °F

#### Response time

Humidity	45% R.H. --> 95% R.H. <= 3min 95% R.H. --> 45% R.H. <=5min
Temperature	1 °C / 2 sec
Accessories	Carrying case, Instruction manual, Battery.

#### Auxiliary outputs

Humidity	10mV DC/1% R.H.
Temperature	10mV DC/1 °C, 10mV DC/1 °F
Operating/Storage Condition	0 °C to 50 °C < 80% R.H. -10 °C to 60 °C < 70% R.H.
Power Source	10mV DC/1 °C , 10mV DC/1 °F
Size	270mm(L)x68mm(W)x25mm(H)
Weight	200g
Accessories	Instruction Manual, Battery and Carrying Case



Part No.	Product No.	Manufacturer	Description
8942	TES-1360	TES	Combined Humidity And Temperature Indicator



### FEATURES

- Instant performance of Humidity measurement by precision thin-film capacity sensor
- Dual display LCD / Clock
- Compact, light weight & Simple operation
- 7000 Record Data logging Capacity (Dual Reading)
- RS-232 interface (software included)

### SPECIFICATIONS

Measurement Range	Humidity 10%... 95%R.H. Temperature -20 oC ..+ 60 oC 4oF ...+140 oF
Resolution	0.1% R.H. 0.1 °C , 0.1 °F
Accuracy	Humidity +/- 3%R.H. (at 25 oC , 30...95%R.H.) Temperature +/- 0.8oC , +/- 1.5oF
Sensor type	Humidity-----precision capacitance sensor Temperature---semiconductor sensor
Response time	Humidity 45%R.H.--> 95%R.H. <= 3min 95%R.H.--> 45%R.H. <= 5min Temperature 5 sec./10 °C
Sampling rate	1 time per second
Record (Data logging)	7000 Point Data logger (Dual Data)
Operating temperature and humidity	0 °C to 40 °C , below 80% R.H.
Storage temperature and humidity	-10 °C to 60 °C , below 70% R.H.
Power supply	006P 9V or IEC6F22, NEDA 1604 battery
Battery life	Approx. 50hours (Alkaline)



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