BENETECH®

MODEL: GM1360A

Humidity & Temperature Meter Instruction Manual

Version: GM1360A-EN-00

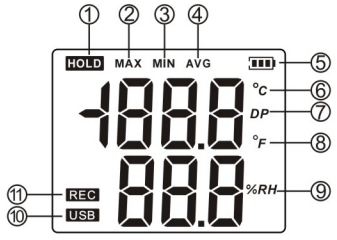
A. Introduction

Our digital humidity & temperature meter is accurate, steable, reliable, low consumption.
It is widely apply on mohitors enviorment status in factory, laboratory, warehouse, quality control and air conditioning etc.

Feature:

（1）Dual display on large LCD
（2）Detecting the temperature and humidity
（3）MAX/MIN measurement
（4）Dew point pick up.
（5）Data operation
（6）℃/℉ unit switch
（7）USB interface and data download
（8）Low battery alert
（9）Auto power off
（10）Temperature and humidity memory (setup in PC program included)

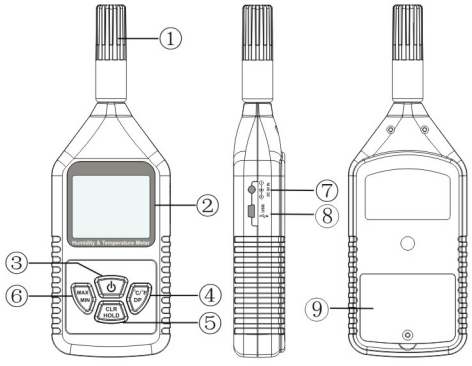
B. LCD display



1) Lock up icon
2) Maximum reading icon
3) Minimum reading icon
4) Average reading icon
5) Battery volume icon

6) Celsius temperature icon
7) Dew point icon
8) Fahrenheit temperature icon
9) RH unit icon
10) USB connection alert icon
11) Record icon

C. Parts description



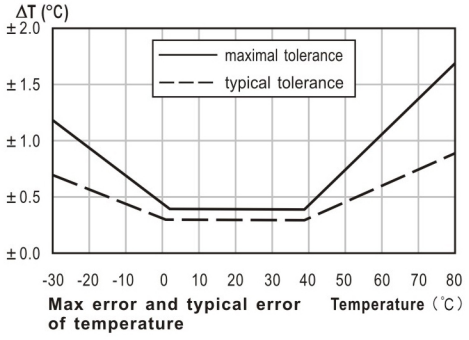
1>. Temperature and RH sensor
2>. LCD
3>. Power on/off key
4>. Temperature unit hold key
5>. Reading hold key
6>. Maximum and minimum readings of temp and RH picking up key
7>. Power adaptor hole
8>. USB interface
9>. Battery door

D. Operation instruction

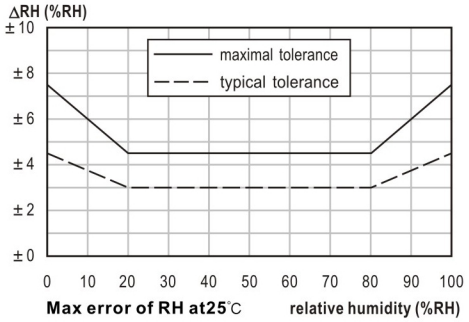
1>. open the battery door and install the battery (note the polarity of the battery while installing)
2>. temperature unit switch
short press on ℃/℉/DP key for picking up readings between Celcius and Fahrenheit (and the default value is C)
3>. dew point measurement
long press on ℃/℉/DP key to pick up dew point temperature for about 5 seconds
4>. Maxium/Minimum readings of temperature and humidity
short press on MAX/MIN key to display the maximum temperature reading, short press on the key again to display the maximum humidity reading, and lock the maxium readings of temperature and humidity. short press on the key again to enter into minimum reading picking up mode, repeat the above operation again to return to the normal measurement.
5>. data hold: short press on CLR/HOLD key in normal measurement mode to lock up the current measurement and delete the current mode.
6>. long press on CLR/HOLD key to clear the data stored.
7>. PC connection mode (refer to the file in disc for details)
8>. when the icon of battery is in empty form please replace the battery immediately lest the precision is affected.
9>. auto turn-off: if there is no any further operation on the key, the device will turn off automatically. Or turn off the device by pressing the ON/OFF key.
10>. delete Auto Turn-off function: long press on MAX/MIN key until the "UN OFF" appears on LCD.

E. Temperature fig

Temperature	Parameter
Measurement range	-30~80℃
precision	±1℃ (±1.8℉) Typical temerature:±0.3℃ (max±1℃)
resolution	0.1℃/0.1℉



F. The relative humidity table



Humidity	Parameter
Measurement range	0~100%RH
precision	±3%RH (in 25, 20-80%RH) <±5%RH (in 25, 0-20%RH~80-100%RH)
resolution	0.1%RH

G. Technical parameter

Measurement range:	Temperature:-30℃-80℃ Humidity:0%-100%RH
precision	Temperature:±1℃ (±1.8℉) Typical temerature:±0.3℃ (max±1℃) Humidity:±3%RH (in 25, 20-80%RH) <±5%RH (in 25, 0-20%RH~80-100%RH)
resolution	Temperature:0.1℃/0.1℉ Humidity:0.1%RH
sampling time	1 time/second
operation temperature	-0℃-50℃ (32℉-122℉) ≤80%RH no condensation
powered by	9V 6F22 battery
suitable storage environment	-30℃ - 80℃ (-22℉ - 140℉) 0%RH-90%RH
static current	I<10UA typical current: 0MA
operating current	I<8MA typical current: 6MA
USB current	I<32MA typical current: 27MA
low battery alert	6.2V+-0.25V
memory life	100000 wipe off

*please read the files in disc for more information.

CE

Special declaration:
Our company reserves the right to modify the product design and the instruction. We will not give further notice for any changes!