INTRODUCTION

HT-305 is a Stable, Safe, Reliable Mini Digital Temperature & Humidity Meter, which is widely used in Food Grain storage and Transportation, File Management, Material Management , Forestry and Animal Husbandry, Health Care, Teaching Experiment, Public Sector, Home and others.

- 4 Digits Backlit LCD Dual Display.
- Measures Temperature in Celsius and Fahrenheit Scales
- Data Hold
- MAX/MIN Record Function
- Auto Power Off
- Over-Range Indication
- 1.5 x 3 AAA Battery Operated
- Confirms to ENg1326-1, Pollution Level 2

GENERAL TYPE

- LCD display   : 4 Digit LCD display.
- Overload indication   : When humidity is >99.99%RH, "100.0%RH" will be displayed; when temperature is > 60°C or < -20°C, "OL" will be displayed.
- Low battery indication : Prompts " ⬚▮ ".
- Sampling rate   : 1/s.
- Sensor type   : High-Accuracy digital temperature and humidity Module.
- Impact strength   : Can withstand the impact of landing from 1 meter's height.
- Power requirement   : 1.5V batteries (AAA) x 3
- Product size   : 155 x 50 x 28mm
- Weight   : 102g

ENVIRONMENT SPECIFICATION

- Indoor use
- Maximum height   : 2000m
- Safety   : EN61326-1
- Pollution level   : 2
- Working temperature and humidity : 0°C ~ 40°C (not greater than 90%RH)
- Storage temperature and humidity : -20°C ~ 60°C (not greater than 75%RH)

*Technical Specifications & Appearance are subject to change without prior notice

ELECTRICAL SPECIFICATION

- **Accuracy**   : Humidity   : ±5%RH (normal temperature condition)
                           Temperature : ±1.0°C (normal temperature condition)
- **Environment temperature**   : 23°C±3°C
- **Environment humidity**   : ≤ 90%RH

TECHNICAL SPECIFICATION

Function	Range	Resolution	Accuracy	Description
Humidity	0 ~ 100.0%RH	0.1%RH	±5%RH	Under normal temperature condition (23°C ±5°C)
Temperature	-10 ~ 60°C	0.1°C	±1°C	Under normal humidity condition (40%RH ~ 75%RH)
	14 ~ 140°F	0.2°F	±2°F	
Sampling Rate			1/s	Sampling rate is once per second.
Overload Indication			100%RH/OL	Maximum displayed humidity is 100%RH; if the temperature is lower than 20°C or higher than 60°C, "OL" will be displayed
MAX/MIN Measurement			MAX/MIN	Shows "MAX/MIN".
Data Hold			HOLD	Shows "HOLD"
Unit			°C/°F	Shows °C/°F
Backlight			BL	Manually tum ON or OFF backlight
Auto Power off			5mins	Automatically power Off after 5mins wihout operation; function can be turned off
Low Battery			3.0 ~ 3.5V	Show low battery prompt when power is 3.0 ~ 3.5V.

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