

Wuhan HT305 Infrared Radiation Thermomete



I. Introduction

HT305 infrared radiation thermometer adopts ultra-low-power intelligent design that ensure able to work longer, for the user to reduce troubles with frequent battery replacement and less electricity. Intelligent design help users to test more easily and to capture the true value of the measured object more quickly, while the instrument can intelligently select battery-powered or USB connection powered.

II. Features

1. Single-point laser sighting
2. Intelligent USB powered
3. Ambipolar white backlit display (when USB connection, the meter automatically turn on this feature)
4. The current temperature plus MIN (minimum), MAX (max), DIF (temperature difference), AVG (average) temperature display
5. Adjustable emissivity
6. Trigger lock
7. Celsius / Fahrenheit selection
8. Tripod installation
9. One 9V battery

III. Parameters

Measurement range	-50°C~1050°C(-58°F~1992°F)	
Spectral range	8~14um	
Infrared measurement accuracy	± 1.8% or 1.8 °C (4 °F), the error is ±3%	
T-C Measurement accuracy	± 1% or 1 °C (2 °F) (Assume ambient operating temperature is 23-25 °C (73-77 °F) 0 °C or less the original foundation +1 °C, - 35 °C, below for reference)	
Repeatability	± 0.5 °C or ± 0.5% reading	
Response time (95% S)	250ms	
Optical resolution (D : S)	50 : 1	
Emissivity adjustment	0.10~1.00	
Display Resolution	0.1 °C (0.1 °F) (less than 10 °C is.2 °C; greater than 999.9 is °C / 1 °F)	
Auxiliary display information	Maximum; minimum; difference value; average value	
Laser	Aim	single-point laser sighting
	power frequency	Second (II) operation; Output <1mW, wavelength is 630 to 670nm
Electrical Specifications	Power supply	6F22 9V battery
	Power Consumption	Approximately 30 hours (alkaline) about 10 hours (carbon)
Physical indicators	Weight	270g
	Dimension	168.5×137.8×53mm3
Environment	Operating Temperature Range	0 °C to 50 °C (32 °F to 120 °F)
	Relative Humidity	0-75%, non-condensing
	Storage temperature	20 °C to 65 °C (-4 °F to 150 °F)