



MAXTHERMO®

Digital Hygrometer and Thermometer

HT-800 / S-506

Model No.		HT-800	S-506
<b>Operating Functions</b>		<p>Signal output of humidity Signal output of temperature Power switch Data hold key Combined temperature / humidity sensor Input socket of probe LCD display °C &amp; °F key Probe extension cord Battery cover Sensor probe 15Ø x 150mm</p>	<p>MAX. read display Sensor input connector (Miniature TC plug) Hold status display Value display 3 1/2 digital LCD °C &amp; °F key Power ON key Power OFF key 1. Data call key HOLD-&gt;MAX-&gt;MIN-&gt;measure 2. Auto/Manual power off Select key •HOLD + ON : Auto power off function</p>
<b>Measurement Range</b>	<b>Humidity</b>	5 to 98.0%RH	—
	<b>Temperature</b>	-15.0 to +60.0°C, 5.0 to +150.0°F	-180--- +1372°C, -292---+1999°F
<b>Accuracy (Tame=25°C)</b>	<b>Humidity</b>	±2.5%RH	—
	<b>Temperature</b>	±0.2°C ± 0.4°F	±0.1% of reading +0.3°C, -100 to +1000°C(-150 to +1832°F), Above elsewhere ±0.2%+1°C(1.8°F).
<b>Resolution</b>	<b>Humidity</b>	0.1%RH	—
	<b>Temperature</b>	0.1°C, 0.1°F	0.1°From -199.9 to +199.9°, 1°Elsewhere
<b>Sensors</b>	<b>Humidity</b>	High precision MACROMOLECULE HUMIDITY SENSOR	Thermocouple type K(CA).J.T.E. optional.
	<b>Temperature</b>	PT100Ω platinum thermo-resistance	—
<b>Signal Output</b>	<b>Humidity</b>	DC 0~1V, 10mV/%RH, impedance 600Ω	—
	<b>Temperature</b>	DC 0~1V, 10mV/°C, 10mV/°F, impedance 600Ω	—
<b>Display</b>		TWIN digital LCD display for temperature and humidity reading in the mean-time without switching	Digital LCD display, with multi-function signal
<b>Operating/Ambient, Range</b>		—	-5 to +50°C, 23 to 122°F, below 90%RH.
<b>Input Protection</b>		—	—
<b>Temp. Coefficient</b>		—	±(0.015% of reading +0.03°C)/°C(1.8°F)
<b>Over Range Alarm</b>		Automatic, when humidity value out of the measurement range	—
<b>Measuring Rate</b>		2.5 per second	Approx. 1.5 times per second.
<b>Data Memory</b>		Last value memory by "HOLD" switch	Value HOLD Function
<b>Power Supply</b>		One 9V 006P or IEC 6F22 battery	One 9V 006P Battery. (IEC 6F 22, NEDA 1604).
<b>Battery Life</b>		Approx. 120 hours.(continuous operation)	Approx.200 hours. (Alkaline battery).
<b>Low Power Alarm</b>		Automatic. "🔋" lights up on alarm.	Open sensor (display show "----"), Out of range
<b>Storage ambient range (Meter)</b>		-20 ~ +60°C(-5 ~ 150°F) Below 85%RH	—
<b>Dimensions</b>		Meter: 15X7.8X2.7cm(5.9X3.1X1.1inch) Probe: 18ØX150mm, cable length 1.0 meter	150x78x27mm(5.9x3.1x1.1inch).
<b>Weight</b>		280gms,(9.8 OZS) including probe	145gms.(5.1 OZS) approx.
<b>Accessories</b>		1. Combined humidity / temperature probe. 2. Leather carrying case 3. 9V battery 4. Signal output connector	1. 9V battery 2. Input Connector: Miniature TC plug
<b>Features</b>		1. Over Range Alarm 2. Data Memory 3. Low Power Alarm 4. Signal output	1. °C °F Selectable 2. Value HOLD function 3. MAX./MIN. Value record 4. Automatic resolution range selectable 5. Auto Power-off selectable. (Approx.7minutes of no key operation).