TempSmart TS-100
Temperature & Humidity Data Logger

PRODUCT SPECIFICATION
TS1.0-1115

TS-100 & TS-100-6PK

The TS-100 Temperature & Humidity Data Logger is small enough to fit on a keychain, yet one of the most powerful and accurate instruments of it’s kind. The TS-100 meters connect to Apple and Android smartphones, tablets, and smart watches via Bluetooth.

The complimentary app assists the user through taking several tests with onscreen guidance including:

- Dry Bulb Temperature
- Wet Bulb Temperature
- Feels Like Temperature (compares Temperature & Humidity)
- Dew Point
- Relative Humidity

Each TS-100 meter contains a solid state EEPROM memory chip that stores the last 20,000 Dry Bulb Temperature and Relative Humidity readings. The readings are also uploaded each time the meter is connected to your smartphone or tablet. The measurements are stored in a FIFO (first in, first out) log so that the most current readings are always available. The user has the option of naming each TS-100 meter as it is being deployed with custom names to identify the location.

<table>
<thead>
<tr>
<th>Reading Increments</th>
<th>Data Log Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Seconds</td>
<td>26 Days, 1.2 Hours</td>
</tr>
<tr>
<td>30 Seconds</td>
<td>167 Days, 7 Hours</td>
</tr>
<tr>
<td>1 Minute</td>
<td>333 Days, 14 Hours</td>
</tr>
<tr>
<td>5 Minutes</td>
<td>1,667 Days, 69 Hours</td>
</tr>
<tr>
<td>30 Minutes</td>
<td>10,000 Days, 417 Hours</td>
</tr>
<tr>
<td>Hourly</td>
<td>20,000 Days, 833 Hours</td>
</tr>
<tr>
<td>Daily</td>
<td>480,000 Days, 20,000 Hours</td>
</tr>
</tbody>
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*If the meter is set to take a reading once every 5 minutes, the log will retain the last 69 days of data.*

Features

- Comes with ¼”-20 metal D-ring connector, key chain split-ring and alligator clip for mounting in various configurations
- Can also be mounted on the EXP-64 Extension Pole & TRI-MIN Tripod
- Emails professional detailed history report from within the app to enhance professionalism and validate work performed
- Weather resistant housing protects the sensors while in the closed/off position and provides quick and accurate readings when in the open/on position

Technical Data

- Temperature accuracy: ±0.36°F, (±0.2°C)
- Relative Humidity Accuracy ±3%
- Power: Panasonic 3.6V, CR 2450 Coin Cell Lithium Battery
- Battery Life: >500 hours of activity
- Units of Measure: Standard Fahrenheit & Metric Celsius
- Operational temperature range: -4°F to +158°F (-20°C to +70°C)

Designed for use with APPLE® products. APPLE® is a registered trademark in the United States and other countries.

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WORKS WITH

All Apple iPhones 4S or newer & iPads Generation 3 or newer operating on iOS 7.0 or newer.

All Bluetooth Smart compatible Android phones & tablets with operating system 4.3 (Jelly Bean) or newer.

For a list of compatible Android phones please visit aabsmart.com/checkmyphone

SPECIFICATIONS

TS-100
- Weight: .1 lbs
- Dimensions: 2.5” x 5.2” x 0.76” WHD

TS-100-6PK
- Weight: 1.2 lbs
- Dimensions: 4.0”x6.5”x2.0” WHD

WARRANTY

The TS-100 comes with a one year warranty from the time of purchase. If you need help troubleshooting or have a faulty unit, please contact AAB support for a warranty replacement. support@AABsmart.com

WHERE TO PURCHASE

This product is available at local HVAC wholesale distributors. For a list of local distributors please visit www.AABsmart.com.

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