

## Specification

|                       | WT320                                                 | WT300                                 | WT550                     | WT700                     | WT900                     |  |  |  |  |
|-----------------------|-------------------------------------------------------|---------------------------------------|---------------------------|---------------------------|---------------------------|--|--|--|--|
| Temperature range     | -50~380°C<br>(-58~716°F)                              | -50~420°C<br>(-58~788°F)              | -50~550°C<br>(-58~1022°F) | -50~750°C<br>(-58~1382°F) | -50~950°C<br>(-58~1742°F) |  |  |  |  |
| Repeatability         | 1% of reading or 1°C                                  |                                       |                           |                           |                           |  |  |  |  |
| Response time         | 500 mSec, 95% response                                |                                       |                           |                           |                           |  |  |  |  |
| Accuracy              | >0°C:±1.5°C or±1.5%,Whichever is greater<br><0°C:±3°C |                                       |                           |                           |                           |  |  |  |  |
| Spectral response     | 5-14 um                                               |                                       |                           |                           |                           |  |  |  |  |
| Emissivity            | 0.95 Preset<br>0.8 optional                           | 0.10~1.00 Adjustable<br>(0.95 Preset) |                           |                           |                           |  |  |  |  |
| Operating Temperature | 0~40°C (32~ 104°F)                                    |                                       |                           |                           |                           |  |  |  |  |
| Operating Humidity    | 10~95%RH non-condensing, up to 30°C(86°F)             |                                       |                           |                           |                           |  |  |  |  |
| Distance to Spot size | 12:1                                                  |                                       |                           |                           |                           |  |  |  |  |
| Power supply          | 2*1.5V AAA battery                                    |                                       |                           | 9V Alkaline battery       |                           |  |  |  |  |

## Function

|                                      | WT320 | WT300 | WT550 | WT700 | WT900 |
|--------------------------------------|-------|-------|-------|-------|-------|
| High and low temperature limit alarm | ×     | √     | √     | √     | √     |
| Data retention                       | √     | √     | √     | √     | √     |
| Backlit screen                       | √     | √     | √     | √     | √     |
| Low battery reminder                 | √     | √     | √     | √     | √     |
| Maximum/minimum/difference/average   | ×     | √     | √     | √     | √     |
| Adjustable emissivity                | ×     | √     | √     | √     | √     |
| Automatic shutdown                   | √     | √     | √     | √     | √     |
| °C/°F temperature unit conversion    | √     | √     | √     | √     | √     |
| Position the laser                   | √     | √     | √     | √     | √     |
| Self-calibration function            | √     | ×     | ×     | ×     | ×     |
| Data storage and reading function    | ×     | ×     | ×     | √     | √     |



(WT320)



☑ WT550  
☑ WT300



☑ WT700  
☑ WT900