



A new way to measure temperature

## CERTIFICATE OF CONFORMANCE

ZyTemp conduct quality assurance system under ISO 9001:2008 certified quality system and fully follow ISO GUM (Guide to the Expression of Uncertainty in Measurement) to evaluate the uncertainty of temperature and resistance standards, guarantee performance as below;

| <i>Calibration Temperature</i> | <i>Max Error</i> | <i>Target Accuracy</i> | <i>Target Stability</i> |
|--------------------------------|------------------|------------------------|-------------------------|
| -30 °C                         | ± 2.0 °C         | ± 0.3 °C               | 0.3 °C                  |
| 0 °C                           | ± 2.0 °C         | ± 0.4 °C               | 0.1 °C                  |
| 100 °C                         | ± 2.0 °C         | ± 0.4 °C               | 0.1 °C                  |
| 200 °C                         | ± 4.0 °C         | ± 0.5 °C               | 0.1 °C                  |

Note: Assume the operation ambient temperature under  $23 \pm 3$  °C.

Furthermore, we certify that this infrared thermometer has been inspected and found to comply with published specifications. This device has been calibrated by temperature and/or resistance standards that are traceable to NIST (U.S. National Institute of Standards and Technology) or NML (National Measurement Laboratory) of Taiwan, and the calibration procedure corresponds with the generally regulations and standards.

**ZyTemp**

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