

# RT162, RT163 & PC TEMP RT2 REFERENCE THERMOMETERS

These cost effective thermometers use a platinum film sensor and sophisticated linearising techniques for high accuracy applications, with 0.01°C resolution.



RT162



RT163



PC Temp RT2

## MODEL RT162

This bench mounted thermometer can be used in high accuracy applications and as a reference to check the accuracy of other thermometers.

## MODEL RT163

Mains operated bench mounted thermometer with bright red LED display, switchable °C/F function and RS232 output with options for alarm and USB. Can be used in high accuracy applications and as a reference to check the accuracy of other thermometers.

## MODEL PC TEMP RT2

As Model RT162, but in a hand held portable lightweight case.

| Specification        | RT162 / PC Temp RT2    | RT163  |
|----------------------|------------------------|--|
| Range                | - 35.00 to + 199.99 °C | - 35.0 to + 199.9 °C                               |
| Sensor Type          | Platinum film          | Platinum film                                      |
| Resolution           | 0.01 °C                | 0.01°C from -19.99 to 99.99 °C;<br>0.1°C elsewhere |
| Thermometer Accuracy | ±0.02°C ±0.01%         | ±0.05°C From -20.0 to 100°C<br>± 0.2°C elsewhere   |
| Probe Accuracy       | ±0.03°C ±0.07%         |  |
| Power supply         | 9 Vdc                  | 110 to 240 VAC                                     |
| Operating temp.      | 0 - 50°C               |  |

**Note:** System accuracy is the thermometer accuracy plus the probe accuracy.

**OPTIONAL ACCESSORIES for RT162:** • Mains Adapter

**All 3 thermometers above use Temperature probe - TP162G (120 x 3.3mm shaft; rounded tip; 1M cable)**

**These instruments can be supplied in a kit complete with:**

TP162G probe; System Calibration Certificate - traceable to National Standards; Executive carrying case.

**Contact the sales department and ask for information on complementary instrumentation from Eurolec.**

**Eg. Temperature calibration sources, portable thermometers (contact and infrared), manometers. Other parameters include %RH, air velocity, pH, light, sound, rpm. Data logging/portable options available.**

Eurolec Instrumentation Ltd are continuously developing and improving their products and as such the company reserve the right to amend specifications without notice and supply products which differ from those described. **Provisional data sheet only – subject to change.**



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

**Keison Products,**

**P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.**

**Tel: +44 (0)330 088 0560**

**Fax: +44 (0)1245 808399**

**Email: [sales@keison.co.uk](mailto:sales@keison.co.uk)**

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.