• P-GM+

250°C to 600°C

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Features

- **Data Logging :** Readings can now be logged with a time and date identifier - allowing a wider variety of analyses to be performed on the temperature data.

- **Battery Indication :** Low battery, charging and fully charged battery.

- **Adjustable Temperature Range With Blinking Indication**

  - Range from 250°C - 600°C
  - Standard temperature: Display will be Normal
  - Maximum temperature: Display will Blink

- **Fast, easy, single button measurement :** Touch the probe tip to the target surface and press the capture button. The temperature is taken and displayed (and stored). Single button for power ON and data capturing.

- **Adjustable Probe Rotation** : 360° rotation in 18 Steps

- **Accurate :** Spectral response is 1.6 μm. Short wavelength operation minimizes errors due to emissivity and/or optics contamination.

- **Portable and convenient :** Thermometer is robust and lightweight. Probe in interchangeable on site.

- **Powerful data logging :** Up to 1000 readings can be stored.

- **Comprising :** temperature, time, date and emissivity. The stored data can be downloaded via a USB 2.0 to Computer.

- **In-built charging :** Charging via USB 2.0 Charger

- **Auto OFF :** Automatic power off feature with adjustable time.(Default 1 min.) when placed in Ideal state.

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Standard Scope of Supply

- P-GM+ Pyrometer with Rotatable Probe
- 3AAA Rechargeable Cell
- Battery Charger
- USB Data Cable
- Carry Case
- PC Software

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• P-GM+

Portable Glass Mould Pyrometer

360° rotational probe

The P-GM+ (Portable Glass Mould Pyrometer) is a hand held, battery powered Non-Contact pyrometer designed primarily for the measurement of mould temperatures in container glass industry. It gives an instantaneous reading of the temperature and data logging with the press of a single switch.

Readings taken are stored into memory and logged with Serial number and date/time for reviewing it. Stored temperature readings are held in memory until deleted, they are not lost when the unit is turned off or the battery is removed. it provides a powerful data logging capability with storage for up to 1000 measurements.
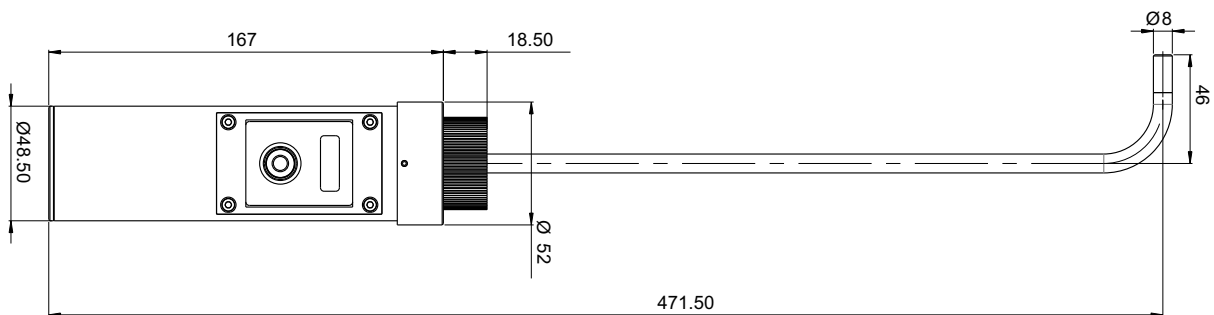
P-GM+ comprises of hand held pyrometer. The pyrometer has an infrared detector with associated electronics and a rigid fibre optic probe, the tip of which is momentarily touched to the hot surface to take measurement.

The processor has an easy to read OLED display, operating button, and a data store. 3 AAA size rechargeable cell powers the whole system.

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We measure accurate temperature in extreme conditions

Technical Specifications

Model	P-GM+
Temperature Range	250°C....600°C
Spectral Wavelength	1.6 µm
Response Time	2 msec. Adjustable upto 10 sec.
Repeatability	0.1% of reading in °C ±1°C
Accuracy	+/- 0.3% of the measured value ±1°C
Emissivity	0.1....1.0 adjustable from PC via USB
Digital Output	USB 2.0
Logging	1000 reading downloaded to PC via USB 2.0
Power Requirement	3 AAA rechargeable Cell
Ambient Temp. Limits	Max. 250°C at fiber optic probe
Operating Temp. Range	0...70°C at handle end
Dimension	475.50 x 48.50 x 48.50 mm
Adjustable parameter through softwar	Emissivity, response time, temperature unit, clear time (peak picker) via USB.

Drawing

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