

The PGM (Portable Glass Mold Thermometer) is a hand held, battery powered Non-Contact thermometer designed primarily for the measurement of mold temperatures in container glass industry.

PGM is equipped with fiber optic, an optical head and display which shows the current temperature.

Readings taken are stored into memory and logged with Serial number and date/time for review later. 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.

Features

- Fast, easy measurement
- Accurate
- Portable and convenient
- Interchangeable on site, with probes of different lengths and bends.
- Powerful data logging
- In-built charging

Technical Specifications

Model	PGM
Temperature Range	250°C...600°C
Spectral Range	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
Ambient Temp. Limits	Max. 250°C at fiber optics cable and optical head
Emissivity	0.1....1.0 adjustable
Digital Output	USB 2.0
Logging	1000 reading downloaded to PC via USB 2.0
Power Requirement	3 AAA rechargeable Cell
Adjustable parameter Keypad	Emissivity, peak picker, date/time, Response Time via USB



Standard Scope of Supply

PGM

- Probe with in built display, USB output, PC software, battery charger & Carry Case.