IR GM700 Infrared Thermometer with Hard Case (non-medical use only)







Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

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Datasheet

Please Note:

these are industrial IR thermometers, so please check the specifications before purchasing as a restocking fee of 20% will apply to unused products. The accuracy of these items make them unsuitable for medical use

This infrared thermometer is used for measuring the temperature of the object's surface, which is applicable for various hot, hazardous or hard-to-touch objects without contact safely and quickly.

Precise non-contact thermometer, highly accurate and reliable.

Compact size, one-handed design for simple and convenient operation.

Simply point to an object and read its temperature.

LED back light design for operation under poor illumination

With data store recall function and data hold function

See emissivity table download

The measure distance is 12:1, this is object distance ratio, it means if the diameter of object tested is 10cm, the distance between thermometer and object is 12 x 10=120cm.

Applications : hot water pipes, hot engine parts, cooking surfaces, hot tubes insulation, electrical connection, ballasts in electric lights, electric motors, bearings, wine coolers hot asphalt, swimming pools, fish tanks, hot cold food products, heating air conditioning, etc

For larger quantities, please use the 'product enquiry' tab to contact our sales team for a quotation and lead time information.

Specifications

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Product Code	XE-4001-001
Model	GM700
General Description	Precise non-contact thermometer, highly accurate and reliable.

Accuracy	0°C - 750°C (32°F - 1382°F) :±1.5°C (±2.7°F) or±1.5% -50°C - 0°C (-58°F - 32°F) :±3°C (±5°F) Whichever is greater
Resolution	0.1°C or 0.1°F
Repeatability	1% of reading or 1°C
Spectral Response	8-14 um
Emissivity	0.95 preset (see download for emissivity chart)
Distance to Spot Size	12:1
Battery	9v
Dimensions	Approx 175 x 100 x 50mm
Function #1	MAX / MIN / AVG / DIF reading
Function #2	high / low temperature alarm setup
Function #3	°C / °F selection
Function #4	laser target pointer ON /OFF selection
Temperature Range	-50 to 750°C
Operating Temperature	0-40°C (32-104°F)
Power Supply	9V Alkaline or NiCd Battery
Important Information	These are industrial IR thermometers, so please check the specifications before purchasing as a restocking fee of 20% will apply to unused products
Series	Infrared Thermometer