

# Comark KM842 Infrared Thermometer

Infrared thermometer measure surface temperatures and can be used throughout the food industry, in scientific experiments, building services, production and processing lines, energy conservation and anywhere that non-contact measurement is required.

Infra red temperature measurement is fast, prevents wastage of the measured material, such as food, and enables checks on areas where access is difficult or dangerous including electrical and heating, ventilating and air conditioning installations.

## KM842

- **Single point laser** sighting to pinpoint target area
- **Wide measurement range** from  $-32^{\circ}\text{C}$  to  $+535^{\circ}\text{C}$  covers deep frozen materials to industrial processes
- **Displays** current and maximum temperature in
- **Emissivity** pre-set at 0.95, suitable for most organic materials and painted or oxidised surfaces
- **Hold function** freezes displayed reading
- **Distance** to spot size ratio 12:1
- **Response** time 500mSec
- **Rugged case** with rubber overmoulding and tripod mounting facility
- **Switchable** backlight LCD display
- **Supplied** in hard carrying case



Comark is the leading manufacturer and supplier of a wide range of electronic measurement instruments for temperature, humidity and pressure.



**2-Year  
Warranty**

Temperature Measurement	
Scales	°C and °F
Displayed Resolution	KM842 0.2°C
Instrument Accuracy at +23°C	
-32°C to -26°C	±3°C
-26°C to -18°C	±2.5°C
-18°C to +23°C	±2°C
+23°C to full range	±1% of reading or ± 1°C, whichever is greater
Operating Range	0°C to + 50°C
Battery Type	9V, IEC 6LF22 alkaline

# Technical Specification

## WARRANTY

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty period for temperature probes is for six months and all other probes and electrodes are unwarranted because the conditions of use are beyond our control. The Comark warranty covers manufacturing defects and component failures on all products returned to Comark premises and applies worldwide. The warranty does not affect your statutory rights. In line with our policy of continuous development we reserve the right to alter any product specifications without notice. All products are covered by our Quality Management System which is compliant with BS EN ISO 9001:2008 for the design, manufacture, supply, service, repair and recalibration of electronic measuring instruments and equipment.

Distributed by:

**C220/2/EN** © Comark Instruments

**Comark Instruments**  
 52 Hurricane Way  
 Norwich, Norfolk NR6 6JB, United Kingdom  
 Tel: 0844 815 6599  
 Fax: 0844 815 6598  
 Email: sales@comarkinstruments.com



**Comark Instruments (USA)**  
 PO Box 500  
 Beaverton, OR 97077, USA  
 Tel: (800) 555 6658  
 Fax: (503) 644 5859  
 Email: sales@comarkusa.com



Click on [www.comarkinstruments.com](http://www.comarkinstruments.com) or [www.comarkusa.com](http://www.comarkusa.com) for more information