

# Comark KM814FS Thermometer

The Comark Infra red thermometers measure surface temperatures and can be used throughout the food industry, anywhere that non-contact measurement is required.

Infra red temperature measurement prevents wastage of the measured material, and enables checks on areas where access is difficult.

The KM814FS is pocket sized and offers fast, convenient and safe measurements. It has a range and accuracy ideally suited to food industry HACCP requirements.

- **Laser sighting** to pinpoint target area
- **Pocket sized** and easy to use
- **Fast safe** surface temperature measurement
- **Backlit LCD display**
- **Displays temperature** in °C or °F
- **Emissivity pre-set at 0.97**, optimised for food use
- **Hold function** freezes displayed reading
- **Protective pouch** available, ref: 17275
- **Ratio of Distance** to spot size 4:1



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



**2-Year  
Warranty**

# Technical Specification

Temperature Measurement	
Measurement Range	-30°C to +200°C, -25°F to +400°F
Scales	°C and °F
Instrument Accuracy at +23°C for targets below 0°C 0°C to + 65°C above + 65°C	±1°C +0.1% ±1°C ±1.5% of reading
Accuracy at +73°F for targets below +32°F +32°F to +150°F above +150°F	±2°F +0.1% ±2°F ±1.5% of reading
Repeatability	±0.5% of reading or ±1°C/2°F, whichever is greater

General	
Display Hold	7 seconds
Operating Temperature Range	0°C to +50°C, +32°F to +122°F
Ratio of Distance to Spot Size	4.1
Emissivity	Pre-set at 0.97
Battery Type	9V IEC 6LF22 alkaline
Weight	227g
Dimensions	L 101mm x W 38mm x H 152mm

## 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.

## BIOCOTE®

Selected Comark thermometers, probes and data loggers have BioCote's silver technology incorporated into instrument cases and probe handles at the time of manufacture. The antimicrobial finish inhibits the growth of bacteria, reducing the risk of cross-contamination and infection in the environment and is becoming accepted within HACCP and due diligence procedures as an important extra level of defence.

Distributed by:

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