

# Comark KM842 Infrared Thermometer with laser sighting



The KM842 Infrared Thermometer is a non-contact surface temperature measurement with single point laser sighting to pinpoint target area.

## Features

- Wide measurement range to +995°F covers deep frozen materials to industrial processes
- Displays current and maximum temperature in °F, °C
- Hold function freezes displayed reading
- Rugged case with rubber overmoulding and tripod mounting facility
- Switchable back-lit LCD display
- Pre-set emissivity suitable for most organic materials and painted or oxidized surfaces
- Supplied in hard carrying case
- Temperature Range: -25°F to +750°F
- Scales: °C and °F
- Display Resolution: 0.5°F

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## Comark Instruments

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## Specifications for KM842 Infrared Thermometer

|                                    |   |
|------------------------------------|---|
| Temperature Measurement Range      | -25°F to +750°F   |
| Scales                             | °F / °C   |
| Laser Sighting                     | Single Spot   |
| Display Resolution                 | 0.5°F   |
| Response Time                      | 500mSec   |
| Accuracy at +73°F @ -25°F to -15°F | ±5°F  |
| Accuracy at +73°F @ -15°F to 0°F   | ±4°F  |
| Accuracy at +73°F @ 0°F to +73°F   | ±3°F  |
| Accuracy at +73°F to full range    | ±1% of reading or ±2°F whichever is greater   |
| Distance to Spot Size Ratio        | 12:1  |
| Emissivity                         | Pre-set 0.95 (suitable for most organic materials and painted or oxidised surfaces) |
| Ambient Operating Range            | +32°F to +122°F   |
| Battery Type                       | 9V IEC 6LF22 alkaline   |
| Weight                             | 11oz  |

For more details on the Comark range, please see [www.comarkUSA.com](http://www.comarkUSA.com)

## Warranty

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty for temperature probes is six months and all other probes are unwarranted because the conditions of use are beyond our control. The Comark Warranty covers manufacturing defects and component failure and applies worldwide. In line with our policy of continuous development, we reserve the right to alter any product specification without notice. Comark has an accredited UKAS (NIST equivalent) calibration laboratory for temperature and humidity measurement and offers full service and recalibration facilities.

Comark products are designed and manufactured for commercial use by trained operators. Any reference to 'dishwasher safe' refers to commercial machines, not domestic or home model machines. Waterproof denotes that an item can be used in the wet environment of a commercial establishment. Comark thermometers are not designed for use underwater.

Comark Instruments is committed to providing quality and affordable products to the food service industry. Our thermometers and humidity testers bring speed, accuracy and reliability to the transport, testing and storing of food under HACCP guidelines. A large variety of products, well-trained staff, and a commitment to customer satisfaction mean you can come to us for answers to all your temperature measurement needs!

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