

# Comark KM330/340 Thermometer

The KM330 and KM340 hand held industrial thermometers are easy to use, with proven type K thermocouple technology and a wide range of optional probes and sensors.

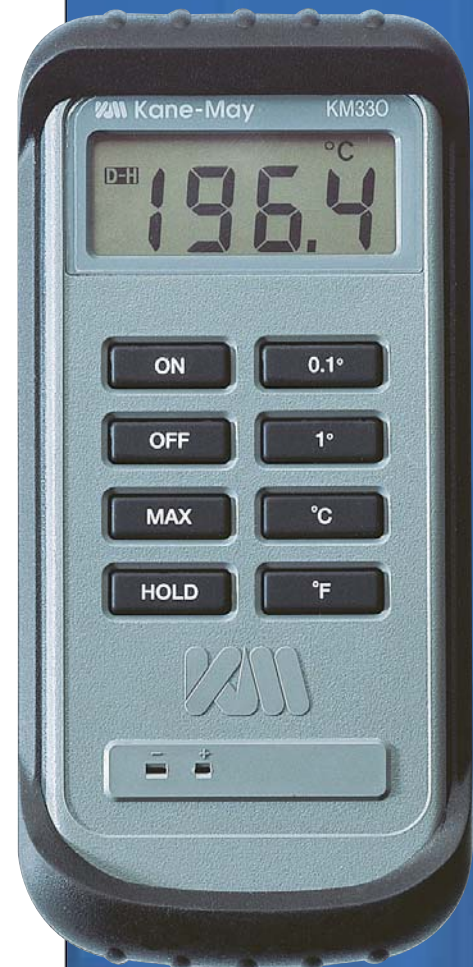
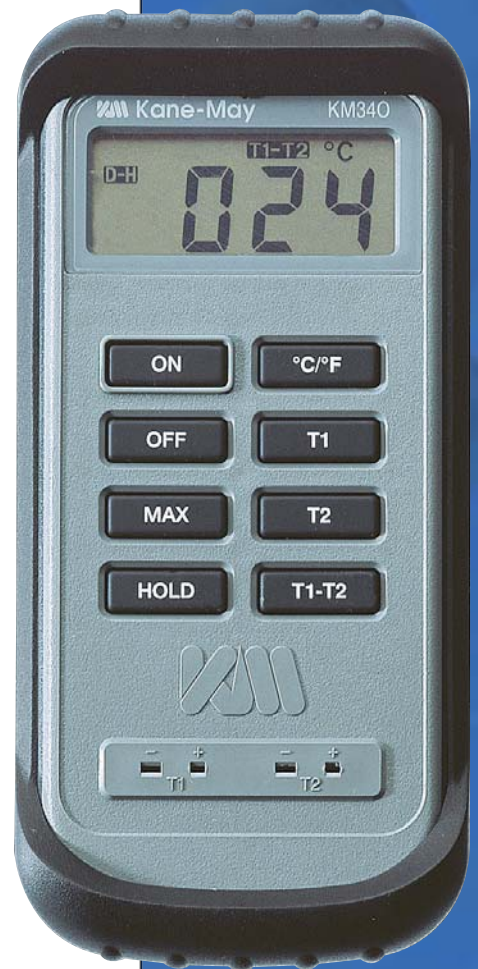
KM330 is a single input thermometer with a wide range of applications. Users can select readings in °C or °F and high or standard resolution to suit their requirements. Hold and Max functions are provided, to freeze the last reading on the display and to record the maximum value. Hold will also freeze the last maximum value.

KM340 is a twin input differential thermometer for many applications, such as heating and ventilation, scientific research and industrial processes. Three display modes can be selected to show values from either input, or the difference between them, in °C or °F scales. Hold and Max functions are fitted and apply to all values.

- **High Value, low cost**, single input or differential digital type K thermocouple thermometers
- **Switchable °C or °F** scales with large display
- **Hold and maximum** temperature functions
- **Specially selected probe range** for heating, ventilation, air conditioning and other applications
- **Compact, modern case** with rubber boots for tough environments
- **Built in stand** for hand free, desk top operation
- **Selectable 0.1/1°** resolution on KM330 (0.1 only upto 199.9°C)
- **Differential temperature** on KM340
- **Removable** rubber boot



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



**1-Year  
Warranty**

|                                                                            |                                                                                                                                               |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature Measurement                                                    |                                                                                                                                               |
| Measurement Range                                                          | -50°C to +1300°C/ -58°F to +1999°F                                                                                                            |
| Scales                                                                     | °C, °F                                                                                                                                        |
| Displayed Resolution<br>Standard<br>High                                   | 1 °C/F (KM330 and KM340)<br>0.1°C/F (KM330 only)                                                                                              |
| Accuracy (Instrument) KM330<br>and KM340 at +23°C<br>Celsius<br>Fahrenheit | -50°C to 0°C, +2 to -1°C<br>0°C to +1100°C, ±(0.2% of reading +1°C)<br>-58°F to +32°F +4 to -2°F<br>+32°F to +1999°F, ±(0.2% of reading +2°F) |
| Ambient Operating Range                                                    | 0°C to +50°C                                                                                                                                  |
| Connector Type                                                             | M (Sub-Miniature)                                                                                                                             |
| Battery                                                                    | 9V PP3 (NEDA 1604, IEC 6F22)                                                                                                                  |
| Battery Life                                                               | Alkaline: 200 hours typical                                                                                                                   |

| Code  | Temperature Range | Sensor | Stem Length | Stem Diameter | Lead Length              | Lead Type |
|-------|-------------------|--------|-------------|---------------|--------------------------|-----------|
| PRO1  | -50°C to +250°C   | Type K | 100mm       | 3.3mm         | 1m                       | Curly PVC |
| SK21M | -50°C to +250°C   | Type K | 100mm       | 7.5mm         | 1m                       | Curly PVC |
| AK27M | -100°C to +250°C  | Type K | 100mm       | 3.3mm         | 1m                       | Curly PVC |
| AK28M | -100°C to +250°C  | Type K | N/A         | N/A           | 1m PTFE                  | Straight  |
| AK33M | -100°C to +400°C  | Type K | N/A         | N/A           | 1m Fibre Glass Insulated | Straight  |
| SK29M | -50°C to +100°C   | Type K | N/A         | N/A           | 2.5m PVC                 | Straight  |
| SK35M | -50°C to +100°C   | Type K | N/A         | N/A           | 1m PVC                   | Curly     |
| SK22M | -50°C to +250°C   | Type K | 70/30mm     | 7.5mm         | 1m                       | Curly PVC |

| Details and Order Information: |                                                    |
|--------------------------------|----------------------------------------------------|
| Order                          | Description                                        |
| KM330                          | Single input thermometer                           |
| KM340                          | Twin input thermometer                             |
| KM330/PRO                      | KM330 with 1 x SK21M, 1 x AK27M, and carrying case |
| KM340/P/KIT                    | KM340 with 1 x SK21M, 1 x AK28M, AC315 pouch       |
| KM330/P/KIT                    | KM330 with 1 x SK21M, 1 x AK28M and AC315 pouch    |
| KM330/P12/KIT                  | KM330, SK21M, PRO1, AC315 pouch                    |

# 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:

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### Comark Instruments

Bury Mead Road, Hitchin,  
Hertfordshire SG5 1RT, UK

Tel: 0844 (+44 844) 815 6599

Fax: 0844 (+44 844) 815 6598

Email: salesuk@comarkinstruments.com



### Comark Instruments (USA)

PO Box 500  
Beaverton, OR 97077, USA

Tel: (800) 555 6658

Fax: (503) 644 5859

Email: sales@comarkusa.com - USA



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