

Comark N9094 Thermometer

The Professional Choice

The Comark N9094 food thermometer features the latest technology housed in the well-proven Comark premium case.

- **External transducer range** means one instrument can be used for a wide range of measurements
- **Countdown Timer** with audible beep minimises risk of errors when taking food temperature measurements
- **Multiscale display** shows pressure measurements in a choice of 12 scales (subject to transducer range)
- **Choice of Measurement** gauge or absolute pressure
- **Thermistor** for applications requiring higher accuracy
- **Exceptional battery life of up to 10 years**
- **Type T or K thermocouple** when speed of response and extended measurement range are required
- **Auto-switch off** preserves battery life
- **Data hold** useful to refer to previous measurements
- **Permanent clock display**
- **Selectable auto switch off** saves battery life, with scale and switch off settings retained in memory

Interactive cell-phone style menu for selection of

- **Scales**
- **Clock adjustment**
- **Countdown** can be stopped during countdown, uses include monitoring how long probe is inserted to obtain accurate reading or monitoring cooking and cooling times
- **Alarms** high and low temperature alarm levels, alarm at end of countdown period, three selectable alarm times on clock over 24 hours
- **Choice of auto switch-off after** 3 minutes, 10 minutes, 30 minutes

Comark is the only manufacturer to use BioCote® antimicrobial protection to provide an important extra level of defence against cross-contamination.



Temperature Measurement	
Sensors	Thermistor or Type T or Type K thermocouple
Connector	Lumberg
Measurement Range	
Thermistor	-50°C to +150°C / -58°F to +302°F
Type T	-200°C to +400°C / -328°F to +752°F
Type K	-200°C to +1372°C / -328°F to +2501°F
Scales	°C and °F
Displayed Resolution	
> -100°	0.1°
< -100°	1°
Instrument Accuracy at +23°C/ +73°F, Type K or Type T full range	0.1% of reading, $\pm 0.2^{\circ}\text{C}$ / $\pm 0.4^{\circ}\text{F}$
System Accuracy at +23°C / +73°F, between 0°C to +70°C, +32°F to +158°F	
Thermistor	$\leq \pm 0.3^{\circ}\text{C} / 0.6^{\circ}\text{F}$
Type T*	$\pm 0.5^{\circ}\text{C} / 0.9^{\circ}\text{F}$
*Typical accuracy with a Comark probe	
Operating Temperature Range	-25°C to +50°C / -13°F to +122°F
Display	4 digit, 12.5 mm LCD
Countdown Timer Interval	1 second to 24 hours
Battery	2 x AA 3.6V Lithium cells 2.7Ah, non replaceable
Battery Life	10 years at 4 hours use per day 365 days per year
Environmental Protection	IP68 BS EN 60529 IEC 529
Dimensions	
Length	183mm / 7.2 inches
Width	68/79mm / 2.68/3.11 inches
Depth	31mm / 1.22 inches



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.

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.

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