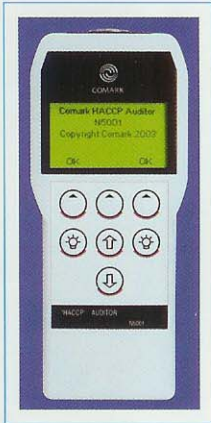


N5001 HACCP Auditor

Data Management and Monitoring



The N5001 instrument has a large, full graphic display that can be easily accessed from the 5-button keypad. The keypad is simple to use with 3 "hot" buttons whose functions are shown on the display. Users can scroll through option lists via the "up" and "down" arrow buttons and the keypad can be set for right or left hand use each time the instrument is used - ideal for multi-user applications.

The instrument has an 8-pin Lumberg socket for secure temperature probe attachment or for connection to a PC for programming or downloading data.

Instrument facilities include:

- Temperature measurement ranges from -200°C to $+700^{\circ}\text{C}/-328^{\circ}\text{F}$ to $+1292^{\circ}\text{F}$, type K thermocouple -200°C to $+400^{\circ}\text{C}/-328^{\circ}\text{F}$ to $+752^{\circ}\text{F}$, type T thermocouple
- Memory, approximately 3000 readings
- Full security with authorised users and pin numbers built into programming
- Robust case made from food safe ABS and dust and waterproof to IP67 standards
- Exclusive range of type K and T thermocouple temperature probes
- Large, clear, backlit graphic display
- Low running costs with over 500 hours use from one set of batteries

AUDITOR SOFTWARE

The software enables full programming, data retrieval, viewing of data on screen, archiving of data and later retrieval from memory. Data is stored in a secure database of readings and can be filtered, sorted and printed. Databases can be exported to stand alone spreadsheet or database packages in full or solely consisting of the exceptions - any reading outside the set limits for the event or measurement parameter. The software is supplied with a PC communications lead for use with the instrument.

Facilities include:

- Entry and storage of temperature and non-temperature variables, e.g. number of units, yes/no responses or dates
- Automatic corrective actions if pre-defined criteria are not met
- Temperature profiling - ideal for cooling of hot foods and hot and cold food holding
- Fast data download
- Clear tabular data with optional exception reporting, sorting and filtering
- Data export capability
- Unique instrument simulation for validating the customer's programmed tasks and actions

TECHNICAL SPECIFICATIONS

Temperature Measurement	
Sensors	Type K or T thermocouple
Connector	Lumberg 8-pin
Measurement Range	
Type K	-200°C to $+700^{\circ}\text{C}/-328^{\circ}\text{F}$ to $+1292^{\circ}\text{F}$
Type T	-200°C to $+400^{\circ}\text{C}/-328^{\circ}\text{F}$ to $+752^{\circ}\text{F}$
Display Resolution	0.1°
Instrument Accuracy	$<\pm 0.2\%$ of reading, $\pm 0.2^{\circ}\text{C}/\pm 0.4^{\circ}\text{F}$ full ambient range

General	
Display	Full graphic display LCD, 128 x 64 pixels
Operating Range	-20°C to $+50^{\circ}\text{C}/-4^{\circ}\text{F}$ to $+122^{\circ}\text{F}$
Memory	Approximately 3000 readings
Upload time	Typically 2 minutes 30 seconds for a 100K file
Software	Requires Windows™ 2000 or XP
Environmental Protection	IP67, BS 60529, IEC 529
Case Material	Food safe ABS
Communications	RS232 via Lumberg 8-pin connector
Battery Type	2 x 1.5V AA IEC LR6 alkaline
Battery Life	Minimum of 500 hours (backlight not used)
Weight	270g
Dimensions	L 183mm x W 68/79mm x D 31mm

Accessories	
CRS/4 protective rubber boot, N5000S1 Auditor Software with communications lead.	
Unique range of temperature probes	
PT24L8	Type T penetration probe with shaft, length 100mm, diameter 3.3mm, and coiled lead
PK24L8	Type K penetration probe with shaft, length 100mm, diameter 3.3mm, and coiled lead
PT23L8	Type T penetration probe with shaft, length 100mm, diameter 1.6mm, and coiled lead
AT22L8	Type T air probe with 1m heavy-duty FEP lead
ST23L8	Between Pack Foil Probe with 1m Heavy Duty FEP lead
PK19L8	Type K penetration probe with stepped shaft, length 100mm, diameter 2.5mm/1.6mm, and coiled lead
SK22L8	Type K surface probe with 45° crank and coiled lead
SK40L8	Griddle Probe



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