

¼ DIN 10-Channel Automatic Temperature Scanner



DP1001AM
£265



- ✓ Large Backlight Dual LCD
- ✓ J, K, T, E Thermocouple Inputs
- ✓ Latching High/Low Limit Alarms
- ✓ 5 Amp Relay Output
- ✓ Auto or Manual Scanning
- ✓ Adjustable Scan Rate
- ✓ RS232 Interface
- ✓ Free Software
- ✓ 9 Vdc Power (AC Adaptor Included)

The DP1001AM microprocessor-based 10-channel scanner accepts the same thermocouple input type for each input. Each channel can be manually or automatically scanned and active zones are displayed. Instrument is programmable for J, K, T or E thermocouple input types, degrees °C or °F, and scan rate between 2 to 60 seconds. Each channel has individual, independent and programmable alarm setpoints with alarm indicator. Memory and setpoints are retained when power is off.

The RS232 communications can monitor up to ten channels and software is included with every unit. A single output latching form C relay is provided to activate for an alarm condition on any zone. The instrument shows alarm condition for each channel on front display. The alarms are latching and are reset manually from the front panel.



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.



DP1001AM, \$395, shown actual size.

SPECIFICATIONS

Thermocouple Temperature Ranges:

Type J: -50 to 1000°C
(-58 to 1832°F)

Type K: -50 to 1370°C
(-58 to 2498°F)

Type T: -120 to 400°C
(-184 to 752°F)

Type E: -50 to 759°C
(-58 to 1382°F)

Input: Type J, K, T or E thermocouple

Output: 5 A SPDT relay @ 250 Vac resistive

Alarm Type: Hi/Lo, latching, manual reset

Power Requirements: 9 Vdc, 200 mA (115 Vac adaptor included)

Power Consumption: 1.8 watts

Accuracy: ±0.15% of reading, ±1°C (±1.8°F)

Display: LCD, backlight, PV, SV and status indicators, 4-digit, PV 1.4 cm (0.56")

Resolution: 0.1 (< 1000), 1 (> 1000)

Memory Backup: Nonvolatile memory

Ambient Operating Temperature: 0 to 50°C (32 to 122°F)

Storage Temperature: 0 to 50°C (32 to 122°F)

Weight: 374 g (12 oz)

Dimensions: 89 H x 83 W x 95 mm D (3.50 x 3.27 x 3.75")

Panel Cutout: 92 x 92 mm (3.622 x 3.622")

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
DP1001AM	£265	10-channel automatic temperature scanner

Accessory

Model No.	Price	Description
CNQUENCHARC	£5.40	Noise suppression RC snubber (2 leads), 110 to 230 Vac

Comes complete with software, AC adaptor, and operator's manual

Ordering Example: DP1001AM, 10-channel automatic temperature scanner, £265. OCW-3, OMEGACARESM extends standard 1-year warranty to a total of 4 years (£66), £265 + 66 = £331.

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