

You Asked, We Delivered!

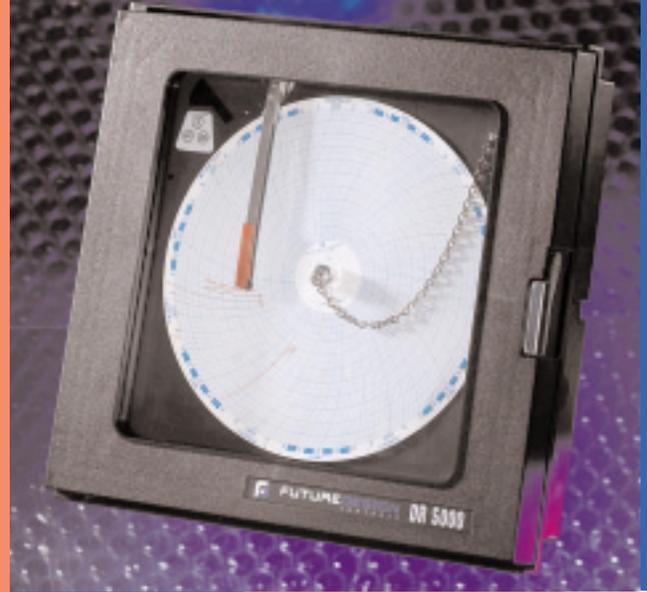
Future Design's DR 5000-OEM offers OEM's the best value in 2 pen circle chart recording.

Designed specifically for OEM use in temperature/humidity applications, the DR 5000 is a circular chart recorder like no other. Pen 1 is fully configurable while pen 2 offers 4-20mA or 1-5VDC inputs for humidity or other analog sensors.

The DR 5000 is the first recorder to "self document" setup configuration and can operate using standard or competitive charts, another first in the industry.

Eliminate "multi-vendor" chart inventories while reducing operator confusion. Protect your process with the DR 5000 battery backup option, continuous recording for up to 48 hours in the event of power loss .

The DR 5000 2 pen OEM recorder – the right choice for recording.



DR 5000-OEM CHART RECORDER

- *2 pen OEM version*
- *No manual required for setup*
- *No "dip switches" to set during configuration*
- *Uses standard or competitive charts*
- *Up to 48 hrs of recording during power loss*
- *UL, CUL, CE*
- *"Self Documents" setup configuration*

DR 5000-OEM SPECIFICATIONS

POWER

Line Voltage: 110/220VAC, 50/60Hz
Power Consumption: 15 VA maximum

INPUT

Pen1:

Thermocouple (T/C): Type J, K, T, R, B, S,
RTD: PT 100 ohm RTD (385 curve)
Linear: 4-20 mA, 1-5 VDC, 0-5 VDC
Range: Per table in manual

Pen2:

Linear: 4-20 mA, 1-5 VDC, 0-5 VDC
Common Mode Rejection: > 120dB at 60 Hz
Cold Junction Accuracy: ± 0.2°C @ 25°C ambient
Ambient Error: ± 0.01% span/°C from 25°C ambient
Isolation: inputs share common ground on 2 pen units

RECORDING

Chart Size: 10"
Recording Accuracy: ± 0.5% of span (100 division span)
Sensor Break: Full scale Pen < 10 seconds
Chart Speed: Configurable
Input Filtering: Programmable up to 120 seconds

OPTIONS

Battery Back up:
Ink Style: Up to 48 hours of recording (optional)

ENVIRONMENTAL AND PHYSICAL

Operating Temperature: 0 to 60°C
Storage Temperature: -40 to 65°C
Humidity: 0-90% RH (non-condensing)
Vibration: 0.3 to 100Hz @ 0.2g
Mounting: ± 20 degrees of vertical
 ± 10 degrees of horizontal
Moldings: Fire retardant Noryl w/acrylic window
Panel Rating : Nema 3 std(Nema4 option)
Dimensions: 14.0" (H) x 14.0" (W) x 3.8" (D)
Panel Cutout: Industry Standard 12.7" x 12.7"
Weight: 7 pounds maximum

ORDERING INFORMATION

Enter a number in each box which corresponds to the specifications you want when ordering the DR 5000-OEM.

DR 5000

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POWER INPUT

- 1: 110/220VAC 50/60 Hz Selectable

RECORDING STYLE

- 5: 2 Pen Ink
Pen 1: Universal Input - Pen 2: 4-20mA, 1-5VDC Only
- 6: 2 Pen Ink
Pen 1: Universal Input - Pen 2: 0-5VDC Only

OUTPUTS

- 0: None

DISPLAY OPTIONS

- 0: None

CHART OPTIONS

- 1: 10" Counterclockwise Rotation (standard)
- 2: 10" Clockwise Rotation

ENCLOSURE OPTIONS

- 1: Nema 3
- 2: Nema 4
- 3: Platen Mount

SPECIAL OPTIONS

- 0: None
- 1: Battery Backup**

