

# STRIP CHART RECORDERS

Sunpro Instruments (I) Pvt. Ltd., offers Potentiometric Strip Chart Recorders for various Processes Industries with High Accuracy and fast response to the change in parameters having rugged assembly for any Environmental conditions. We use sealed potentiometer or conductive plastic potentiometer (Japan) suitable for environmental conditions. Power supply 240vac / 110 vac & for mA or mV dc signals. 24vdc / 12vdc power supply can be incorporated.

Recorder are manufactured in 100 mm, 120 mm, 180 mm and 250 mm Chart Width having fix Speed of 20 mm, 60 mm and 120 mm or adjustable chart speeds by selector switch upto 960 mm/hr by stepper motor. Inputs of Temperature, RTD, and Thermocouple. Useful for Parameters like, Temperature, Humidity, Flow, Current, Voltage, pH, Conductivity, Wind Flow, Wind Direction, Radiation etc..

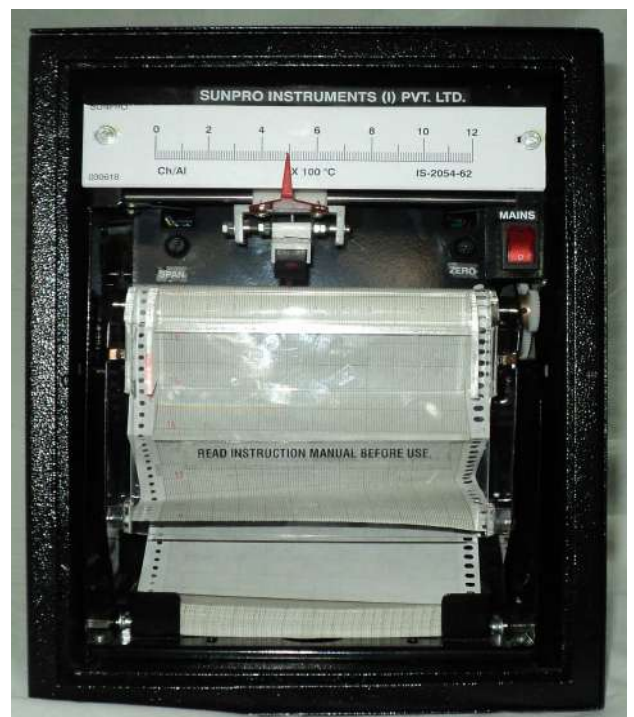
## Salient Features:

- Highly Precise sealed potentiometer as a feedback element.
- Highly precise & Accurate Stepper motor.
- Calibration through span-zero adjustment by source.
- 3½ Digit Display (Optional)

- Power Consumption : - 24 VA
- Accuracy : 1.5 % F.S.D.
- Input Signal : RTD, 4-20mA, 0-20 mA, 0-1VDC, 0-5VDC, TC- K, J, R, S, T.
- Range: Selectable
- Chart Speed : Selectable 12 HRS/REV , 24 HRS/REV, 48 HRS/REV, 168 HRS/REV.
- Display : 3½ Digit Display (Optional).
- Chart Speed Variation :  $\pm 2\%$  of 50 Hz
- Operating Conditions: - 0 to 50Deg C & 0 to 80% RH
- Disposable Fiber tip Pen :- Red/Green
- Modbus Port : (Optional) RS485/232 Port
- Mounting :- Wall/ Panel mountable Encloser.
- Material : - MS with powder coating.



MODEL : S-100 RD



MODEL : S-120 R

# STRIP CHART RECORDERS

MODEL : S-120 RM



MODEL : S-120 RD



Ordering Info : Ex. S- 120R TP D

|               |                         |             |                 |
|---------------|-------------------------|-------------|-----------------|
| STRIP<br>TYPE | CHART<br>LENGTH<br>120R | TWO<br>PENS | WITH<br>DISPLAY |
|---------------|-------------------------|-------------|-----------------|

*Provide Following Parameters with selected Model :*

**Input/ Sensor Type :** RTD,T/C,4-20Ma,0-20mA,0-5VDC

**Range :** For given input type. Ex. For K-Type T/C 0 to 1200°C

**Chart Speed :** 1 Day/Rev, 7 Days/Rev etc.

| Model   | Chart Radius       | No. of Pens         | Display               | Pen Colors (TP) |
|---|--------------------|---------------------|-----------------------|-----------------|
| <b>MC</b> $\mu$ processor Based Strip Chart     | <b>100R</b> 100 mm | <b>M</b> Multipoint | - Without Display     | <b>R</b> Red    |
| <b>S</b> without $\mu$ processor Circular Chart | <b>120R</b> 120 mm | - Single Pen        | - Without Display     | -               |
|   | <b>180R</b> 180 mm | <b>TP</b> Two Pen   | <b>D</b> With Display | <b>G</b> Green  |

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