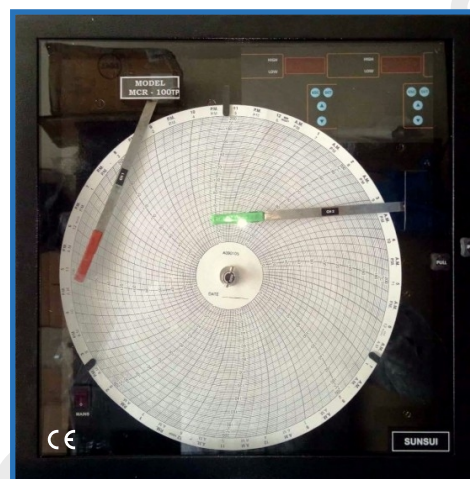


Technical Datasheet

Sunsui' **Circular Chart Recorder** series is best suitable and economical solution for recording of any process or electrical parameter. The Recorder can be used to measure, display, record and control any parameter value. The record is generated on spill proof high quality arch shape paper with best resolution for ease of monitoring and analysis. High accuracy and fast response makes it suitable for all your parameter recording needs.



SINGLE PEN



DUAL PEN

Key Features :

- Microprocessor based model for high accuracy.
- Selectable chart speed and chart range and inputs type.
- Ease of configuration using 4 soft keys.
- 3 ½ Digit bright LED display for monitoring real time process value.
- Available in 3 different chart Sizes 4" 6" and 10"
- Chart output in PDF format on Pen Drive without any software (Optional).
- Alarm Relay and Software connectivity (Optional).
- Available in ink and inkless pen.

Technical Specifications :

Description	Details
Input	User Selectable (RTD, 4-20mA, 0-1V, Thermocouple) Custom Input can be made available as per requirement
Display	3 ½ Digit bright LED display.
Display Resolution	0.1°C for RTD and selectable for current of voltage input

Chart Range	User selectable - 1999 to +1999 along with decimal poin
Chart Speed	User selectable 8 Hrs, 12 Hrs, 24 Hrs (1 Day) Or 7 Day
Chart Size	SunRec 40-4" / SunRec 60-6" / SunRec 100-10"
Number of Pens	SunRec 40 or SunRec 60-Single Pen / SunRec 100-Single or Two Pen
Type of Pen	Disposable fiber-tip for Ink / Pressurized needle for Inkless option
Chart Storage and USB	5 Charts in PDF format or CSV Export on Pen Drive (Optional)
PC Interface	Serial RS232 or RS485 for PC software communication (Optional)
Control Output	Single Potential free ON-OFF control relay (Optional)
Alarm Output	Inbuilt buzzer of Audible Alarm
Calibration	Single point auto calibration for Pen and Chart Speed
Accuracy	0.5 % of Span
Panel Cutout	SunRec 40- 152 x 152 x 150 / SunRec 60- 184 x 184 x 150/ SunRec 100- 344 x 344 x 150
Operating Power	230V AC, 50Hz / 110V AC / 12 VDC
Battery Backup	12VDC-7AH with charger for Operation > 12 Hrs (Optional)
Sensor Excitation	24 VDC (Optional)
Power Consumption	~24 VA
Operating Environment	Operating Temperature : 5°C to 50°C Storage Temperature : -10 to 60°C Humidity : Upto 85 %RH Non Condensing
Certification	CE Certified