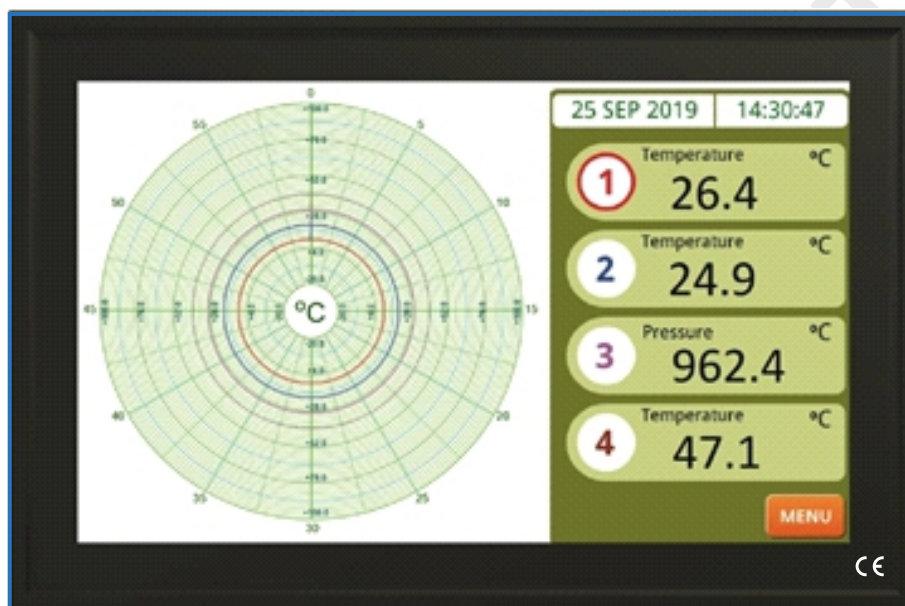


Technical Datasheet

Smart Recorder-04 is new generation product for replacement of existing Paper circular chart recorders. This product has color graphical TFT display for presentation of circular chart. There is no need to maintain charts and papers, you can retrieve chart exactly similar to paper chart in PDF file via USB port.

In Graphical output format, user can select the Graph Duration & graph Range i.e user can get the output in zoomed in condition, if desired.

In Numerical output format, data along with date and time, with one minute interval will be available in csv format & optionally in PDF format.



Smart Recorder 04

- Live circular chart of process value similar to paper chart.
- Inbuilt memory to store Historical charts of 30 days.
- User selectable input type makes it easy to record any process parameter e.g. Temperature, Humidity, Pressure, Flow, etc.
- Easy retrieval of data in Graphical (PDF) and Numerical (CSV or optionally PDF) format.
- Selectable report chart and duration range even when live chart has different chart range.
- Optional ON/Off Controller with two relay outputs.

□ Technical Specifications :

Description	Smart Recorder - 04												
Input	Four Channels user settable :												
	<table border="1"> <thead> <tr> <th>Input Type</th> <th>Range</th> <th>Resolution</th> </tr> </thead> <tbody> <tr> <td>PT-100</td> <td>-200°C to +600°C</td> <td>0.1 °C</td> </tr> <tr> <td>4 - 20 mAmp</td> <td>-19999 to +19999</td> <td>User settable</td> </tr> <tr> <td>0 - 2 VDC</td> <td>-19999 to +19999</td> <td>User Settable</td> </tr> </tbody> </table>	Input Type	Range	Resolution	PT-100	-200°C to +600°C	0.1 °C	4 - 20 mAmp	-19999 to +19999	User settable	0 - 2 VDC	-19999 to +19999	User Settable
	Input Type	Range	Resolution										
	PT-100	-200°C to +600°C	0.1 °C										
4 - 20 mAmp	-19999 to +19999	User settable											
0 - 2 VDC	-19999 to +19999	User Settable											
Display	7 Inch Colour Graphical Display with resistive touch Screen for user interaction.												
Graph Duration	User Selectable - 1 Hour/ 3 Hour/ 8 Hour/ 12 Hour/ 1 Day/ 7 Day												
Graph Range	User Selectable												
Data Storage	Graphical & Numerical data for 30 days is stored in internal memory (Numerical values are stored per minute)												
Data Retrieval	Data can be retrieved on USB pen drive. •Graphical Data: Graph Output in .pdf format with Selectable Graph Range & selectable Graph duration. i.e User can view the graph in zoomed format •Numerical Data Numerical Data Output in CSV format with one minute interval Option Numerical data can be backed up in .pdf format												
Alarm	User settable Alarm point. Alarm indication available on display screen. Optional Relay output available												
Supply Voltage	12 VDC, 350 mAmp												
Size	144mm X 144mm x 100mm DIN Standard Panel mounting												
Certification	CE Certified												