



Paperless Recorder

Datasheet

SUP-R200D

SUP-R200D paperless recorder can input signal for all the various needed monitoring records in the industrial site, such as the temperature signal of thermal resistance, and thermocouple, flow signal of the flow meter, pressure signal of the pressure transmitter, etc. Through the data processing of high-performance microprocessor, on the one hand, it can display various forms of screens in high resolution liquid crystal display screen , and on the other hand, it can store the monitoring signal data in large-capacity memory chips inside the instrument in order to query, read and print data and graphics directly

Features

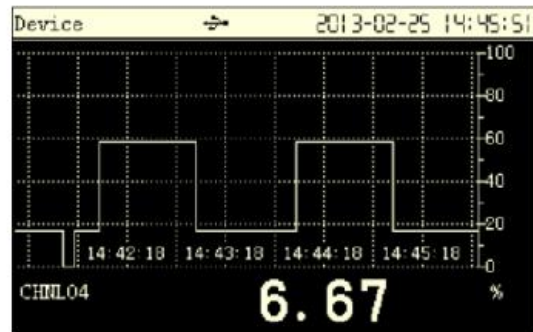
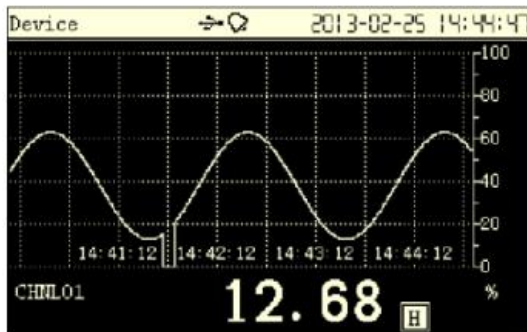
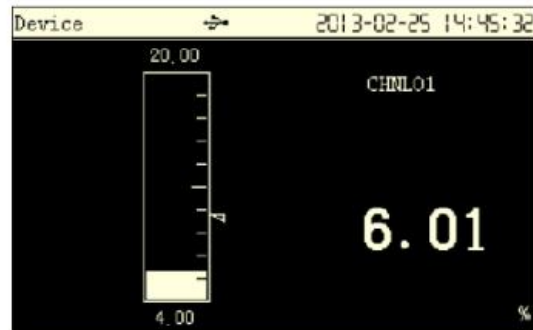
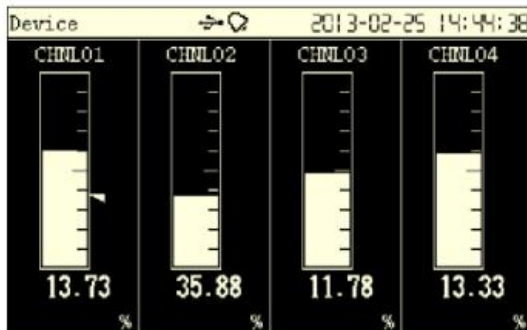
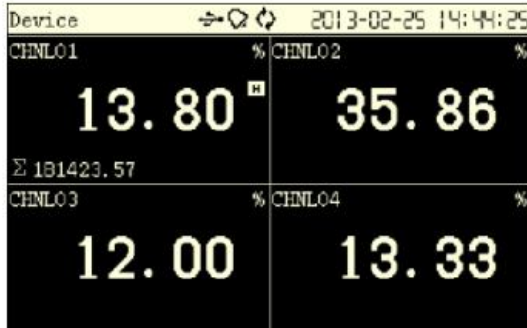
- standard instrument size 160mm * 80mm
- monochrome LCD, 320 * 200 resolution
- 4-way universal signal input, mA, V, mV, TC, RTD,etc
- support thermocouple to input cold junction compensation
- high precision signal input $\pm 0.2\%$ F.S.
- it can record 180 days during 1 minute interval , and data will not be lost in 10 years
- channel high- low limit alarm, 4-way relay contact output
- 1-way 4-20mA current output, 1-way 24VDC power distribution
- USB 2.0 interface, support instrument data export
- a variety of data forms, digital, bar graphs, curves
- support channel accumulation, as well as the shift report , daily, monthly and annual report
- standard RS232C/RS485 communication interface, standard ModbusRTU agreement
- it has configuration file backup export functions

Specifications

The instrument is 4-channel input, and the instrument measurement period is one second. With small signal resection, inertial filter and other functions, it supports burnout judgment, and the signal type is as follows.

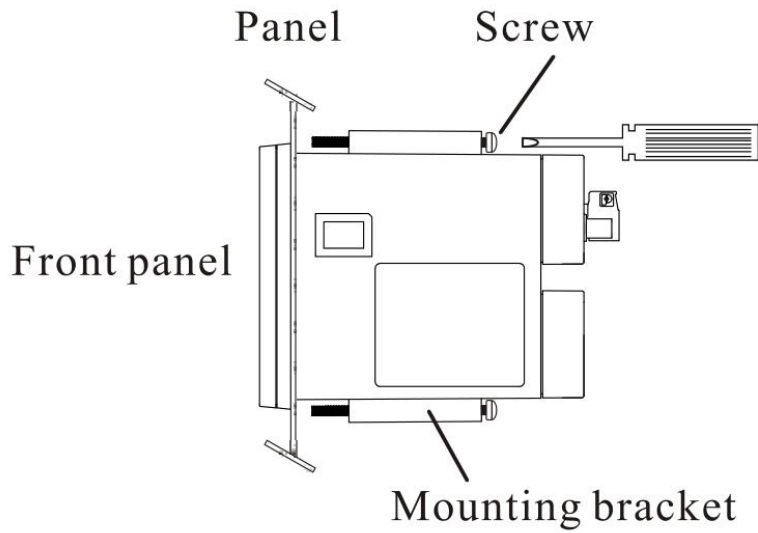
Inputs channel	1~4channels
Input	0-10 mA, 4-20 Ma,0-5 V, 1-5 V, 0-20 mV. 0-100 mV,
	Thermocouple:B,E,J,K,S,T,R,N,F1,F2,WRE
	RTD:Pt100,Cu50,BA1,BA2
Accuracy	0.2%FS
Input	Standard current signal input 250 ohm,other signal input>20M ohm
Power supply	AC voltage 176-240VAC
Alarm output	250VAC,3A relay
Communication	Interface:RS-485 or RS-232
Sampling period	1s
Record	1s/2s/5s/10s/15s/30s/1m/2m/4m
Display	3 inch LCD screen
Size	boundary dimension 160mm*80mm
	perfprate dimension 156mm*76mm
Power fail safeguard	Data is saved in the Flash storage needn't the backup battery. Every data will not be missed in case of power off.
RTC	Using hardware real time clock and with Lithium battery when the power off, maximum error 1min/month
Watchdog	Integrated Watchdog chip to assure the system stable
Isolation	Channel and GND isolation voltage>500VAC;
	Channel and channel isolation voltage>250VAC

Digital display



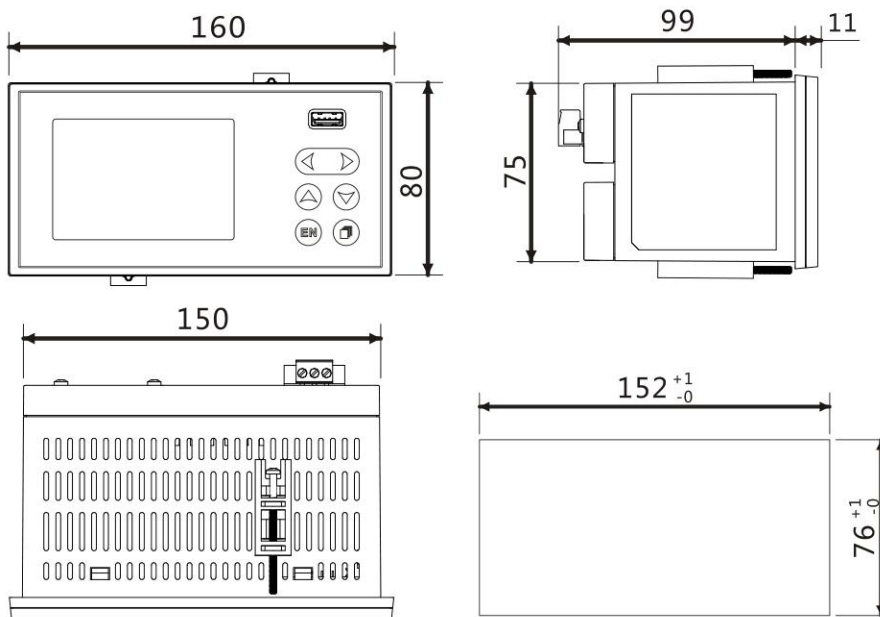
Installation

Installation graph



Instrument dimension and Hole size

unit : mm



Ordering Code

Paperless recorder							
Model							Description
-	-	-	-	-	-	-	
SUP-R200D							-
Input channel	01						1 channel input
	02						2 channel input
	03						3 channel input
	04						4 channel input
Frequency Input	F0						None
	F1						1 frequency input
Alarm output	00						None
	01						1 channel alarm output
	02						2 channel alarm output
	03						3 channel alarm output
	04						4 channel alarm output
Communication	T0						None
	T1						RS-232C printing
	T2						RS-485
Analog output	A0						None
	A1						1 channel
Power distribution	P0						None
	P1						1 channel
Power supply	A						AC220V
	D						DC24V

Example: SUP-R9606-F0-00-O-T0-A1-P0-1-A



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