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RECORDER series

Parameter	Paperless Recorder	Paperless Recorder	Paperless Recorder	Paperless Recorder	Paperless Recorder	Chart Recorder	Chart Recorder
Model	SUP-R9600	SUP-R200D	SUP-R4000D	SUP-R6000F	SUP-R8000D	SUP-R1200	SUP-R1000
Display	35-inch LCD	3-inch LCD	5.6-inch LCD	7.0-inch LCD	10.4-inch	OLED	LED
Display resolution	320*240	320*200	320*234	800*480	640*480	128*64	/
Input channel	1~18	1~4	1~16	1~36	1~40	1~8	1~8
Input signal	(4~20)mA,(0~20)mA,(0-10)mA, RTD:PT100,Cu50, (1~5)V, (0~10)V,(0~5)V, TC:K,B,E,J,S,T,R,N (0-20)mV, (-20-20)mV, (0-100)mV,RS485	(4~20)mA,(0~20)mA,(0~10)mA, RTD:T100,Cu50, (1~5)V, TC:K,B,E,J, S,T,R,N (0~20)mV,(-20~20)mV,(0~100)mV	(4~20)mA,(0~20)mA,(0~10)mA, RTD: PT100,Cu50, (1~5)V,(0~10)V,(0~5)V, TC:K,B,E,J,S,T,R,N, (0~20)mV,(-20~20)mV, (0~100)mV	(4~20)mA,(0~20)mA,(0~10)mA,RTD:PT100,Cu50, (1~5)V,(0~10)V,(0~5)V,TC: K,B,E,J,S,T,R,N,(0~20)m-V,(-20~20)mV,(0~100)mV	(4~20)mA,(0~20)mA,(1~10)mA,RTD:PT100,Cu50, (1~5)V,(0~5)V,TC:K,B,E,-J,R,S,T,N,(0~20)m-V,(-20~20)mV,(0~100)mV	(4~20)mA,(0~20)mA,(0~10)mA,RTD:PT100,Cu50, (1~5),(0~10)V,(0~5)V,TC:K,B,E,J,R,S,T,N,(0~20)m-V,(-20~20)mV,(0~100)mV	(4~20)mA,(0~20)mA,(0~10)mA,RTD:PT100,Cu50, (1~5),(0~10)V,(0~5)V,TC:K,B,E,J,R,S,T,N,(0~20)m-V,(-20~20)mV,(0~100)mV
Sampling interval	1s	1s	1s	1s	0.6s	0.6s	0.6s
Record Interval (chart speed)	1s60min	1s~30min	1s~4 min	1s60min	1s~4h	10~2000 mm/h	10~1990mm/h
Accuracy	0.2%F.S	0.2%F.S	0.2%F.S	0.2%F.S	0.2%F.S	0.2%F.S	0.2%F.S
Relay output	4	4	12	8	32	8	6
Analog output	4	1	4	-	8	2	2
Power distribution	1	1	4	1	12	1	2
Totalizer	Yes	Yes	Yes	Yes	Yes	-	-
Data transfer	USB	USB	USB	USB	USB	Print	Print
Communication	RS485	RS232/RS485	RS232/RS485	RS485	RS232/RS485	RS232/RS485	RS232/RS485
Panel cutout size	92+[1]	152+1mm x 76+1mm	138+1mm x 138+1mm	138+1mm x 138+1mm	282+1mm x 282+1mm	138+1mm x 138+1mm	138+1mm x 138+1mm
Power supply	176VAC-264VAC	100VAC~240VAC 24VCD±10%	100VAC~240VAC 24VDC±10%	176VAC~264VAC	100VAC~240VAC	220VAC~24VDC	220VAC24VDC

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SUP-R9600

Paperless Recorder

FEATURE

·96x96 International size

·18 Multi-function analog signal input

·3.5" TFT LCD

·6 kinds of parameter display modes

The SUP-R9600 paperless recorder, using high-speed, high performance 32-digit cortex-M4 microprocessor,and picture response time should be less than 0.1 second; meanwhile the inspection,record,display and alarm of 18 signals are realized,and internal circuit board should be coated by anticorrosion,moisture protection and dust prevention.high-performance power technology and strong immunity from interference can effectively control external harmonic disturbance,and highly improve power and stability of whole machine.

Display screens	24V (default) 12V/5V (customized)	internal memory capacity	48M
Input signals	(4~20)mA,(0~20)mA,(0-10)mA, RTD:PT100,Cu50,(1~5)V, (0~10)V,(0~5)V,TC:K,B,E,J,S,T,R,N (0-20)mV,(-20-20)mV,(0-100)mV	Memory time sampling interval communication	10 days-89 years (time is determined based on record gap)
Output	4 relay output and 1 power distribution(optional)	Power supply	(176-264)VAC
Accuracy	0.2%F.S	Operating conditions	Environmental temperature: (0~50)˚C environmental humidity: (10-85)%RH
Record interval	1s-60min optional	Dimension	Overall dimension: 96+1mmx96+1mmx100+1mm panel cutout size:92+1mmx92+1

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SUP-R6000F

Paperless Recorder

FEATURE

·Easy installation, easy to use, strong inter-changeability.

·Up to 8 channels relay output, 150mA power distribution.

·32-bit ARM9 micropocessor with high speed and performance.

·Printed circuit board are with the coating of anti-corrosion, moisture-proof and dust proof .

SUP-R6000F Paperless recorder processes the data by high-per formance microproces-sor from various monitoring signals,which are necessary in industrial field, such as pres-sure,level,flow,temperature.

The data will be processed and displayed in various forms on the crystal display screen. Meanwhile,the data is stored in inner memory chip inside the instrument queried, browsed and printed.

Display screens	7.0-inch LCD	Communication	Motdbus RS485
Power supply	(176~264) VAC, 47~63Hz	Operating temperature	(0~5) ˚C
Power consumption	30VA, 15W	Operating humidity	(10~85) %RH
Internal memory capacity	128M	Overall dimension	193x162x144mm
Sampling interval	1s	Panel cutout dimension	138+1 x138+1mm