Linseis Low-Cost Strip Chart Recorders

SR Series
Strip Chart Recorders

The SR Series Strip Chart Recorders provide long length recordings with maximum detail. Choose the model that suits your application.

Features/ Benefits:

- LCD alphanumeric display
- Adjustable chart speed (1/4 inch per hour to 2 inches per minute)
- Recording length: 2 hours to 40 days
- Over / Under Alarm with 100ma N.O. Relay and audible alarm
- Delay / No Delay Alarm
- Battery backup
- 220 V operation (optional)
- RS-232C port
- Use A inches or mm charts
- Field calibrated with user adjustment
- Free standing or wall mount


SRTH

6 Models

SRB
Temperature Recorder

Applications

- Refrigeration/ Freezer, Laboratory and Environmental applications
- Measures and records temperature in air, gas, liquids, powders, solids and semi-solids

Features/ Benefits

- Temperature Ranges: -40°F to 150°F (-40°C to 60°C)
- Remote readings from up to 100 ft. (CABLE 10T optional)
- Programmable speed and temperature ranges

SRTH
Temperature/ Humidity Recorder

Applications

- Monitor critical temperature and humidity simultaneously

Features/ Benefits

- Temperature Ranges: -40°F to 150°F (-40°C to 60°C)
- Humidity Range: 0 to 100% RH
- Programmable speed and temperature ranges

SRJ
J-Type Thermocouple Temperature Recorder

Applications

- Broad temperature range
- Measures and records temperature in air, gas, liquids, powders, solids and semi-solids

Features/ Benefits

- Temperature Ranges: -40°F to 1000°F (-40°C to 500°C)
- Remote readings from up to 2000 ft. (Use TCW25, TCW50, TCW75, TCW100)
- Programmable speed and temperature ranges

SR420
4 to 20 ma and DC voltage Recorder

Applications

- Verification of process control loops

Features/ Benefits

- Current Range: 0 to 20 mA
- Voltage Range: 0 to 5 VDC
- Programmable speed and current and voltage ranges

SRV
AC Voltage Recorder

Applications

- Line voltage
- Intermittent voltage problems

Features/ Benefits

- Voltage Range: 0 to 500 VAC, single phase
- Programmable speed and voltage ranges
- Use 3 recorders for 3 phase applications
- Use 3 SRVS for 3 phase applications

SRC
AC Current Recorder

Applications

- Load distribution
- Compressor and fan run cycles

Features/ Benefits

- Current Range: 0 to 300 Amps AC, single phase (current probe included)
- Programmable speed and current ranges
- Use 3 recorders for 3 phase applications
- Use 3 SRCS for 3 phase applications

SR Series Common Specifications

Display	Alphanumeric LCD 16 Characters 2 Line	
Chart	Strip chart (20 ‘ x 4 3/4 “)	
Chart Speeds	1/4 inch/hour 1 inch/hour 2 inches/hour 4 inches/hour 8 inches/hour 1/4 inch/minute 1/2 inch/minute 1 inch/minute 2 inches/minute	1/2 cm/hour 2 cm/hour 4 cm/hour 8 cm/hour 16 cm/hour 1/2 cm/minute 1 cm/minute 2 cm/minute 4 cm/minute
Chart Speed Accuracy	+/- 1 %	
Alarm Delay Range	No Delay, 10 Min., 30 Min., 1 Hr., 90 Min. or 2 Hr.	
Remote Alarm Connection	N.O. 48 VAC/DC, 0.1 Amp Dry Contacts	

Operating ambient temperature range	32°F to 125°F (0° to 50°C)
Storage temperature	0° to 125°F (-18° to 50°C)
Primary power	115 VAC, 50/60 Hz Adapter (220-240 VAC, 50 Hz. optional)
Backup power	8 AA alkaline batteries (not supplied)
Alternative power	12 Volt vehicle operation with optional adapter
Power Consumption	3.5 Watts Max.
Mounting	Vertical or Horizontal, Free Standing or Wall Mounted
Dimensions	9.25" x 7.25" x 2" (235mm X 184mm X 51mm)
Weight	2.5 lb. (1.3 kg)

SR Series Specifications

	SRB	SRJ	SRV	SRC	SR420		SRTH
Range	-40°F to 150°F (-40°C to 60°C)	-40° to 1000°F (-40° to 500°C)	0 to 500 VAC	0 to 300 Amps AC using supplied clamp-on probe	0-5.0 Volts DC	0-20ma DC 4-20ma DC	-40 to 150°F (0 to 60°C) 0 - 100% RH
Chart Ranges	-40°F to +60°F -40°C to +60°C +50°F to +150°F -30°C to +20°C 0°F to 100°F 0°C to +50°C	-40°F to +60°F -40°C to +60°C +0°F to +250°F -30°C to +20°C 50°F to 150°F 0°C to 50°C 0°F to 100°F 0°C to 100°C 0°F to 500°F 0°C to +500°C 0°F to 1000°F	0 to 50 VAC 0 to 100 VAC 50 to 150 VAC 0 to 250 VAC 0 to 500 VAC	0 to 10 AMP 0 to 50 AMP 0 to 100 AMP 50 to 150 AMP 0 to 250 AMP	0 to 5.00 Volts 0 to 100 mV 0 to 20 ma 4 to 20 ma	+/- 0.01 Volt +/- 1 mV +/- 0.1 ma +/- 0.1ma	-40°F to +60°F -40°C to +60°C +50°F to +150°F -30°C to +20°C 0°F to 100°F 0°C to +50°C
Accuracy	+/- 2°F (+/- 1°C)	+/- 2°F (+/- 1°C)	+/- 0.5 VAC	+/- 5%	0 to 5.00 Volts 0 to 100 mV 0 to 20 ma 4 to 20 ma	+/- 0.01 Volt +/- 1 mV +/- 0.1 ma +/- 0.1ma	+/- 2°F (+/- 1°C) +/- 2% (0 – 95% RH)
Probe	TP15 Temperature probe with 15' cable (cable extension is available)	6' High Temperature Thermocouple Probe	3’ Voltage leads with Alligator clips	0-300 Amp AC Current Probe			KTH Temperature/ Humidity with 6' cable
Alarm Range	-40°F to +150°F (-40°C to 60°C)	-40° to +1000°F (-40°C to +500°C)	0 to 500 VAC	0 to 300 A	0 to 20 ma (DC) 0 to 5 Volts (DC) 0 to 100 mV (DC)		40° to +150°F (-40° to +60°C) 0 to 100% RH

SR Series Accessories

		SRB	SRJ	SRV	SRC	SR420	SRTH
ADTA	Automatic Dialer	*	*	*	*	*	*
CABLE10H	Extension cable for KTH						*
CABLE10T	10’ cable	*					
CABLE15	15 ft. cable for sensor probes						*
CABLE25	25 ft. cable for sensor probes						*
CABLE6	6 ft. cable for sensor probes						*
CR4	Cable	*	*	*	*	*	*
CRPEN	Black Pen	*	*	*	*	*	*
CRPENB	Blue Pen	*	*	*	*	*	*
CRPENR	Red Pen	*	*	*	*	*	*
CRT	Power Adapter	*	*	*	*	*	*
CRT220	Power Adapter	*	*	*	*	*	*
CRT220UK	Power Adapter	*	*	*	*	*	*
HTP5	6’ high temperature thermocouple wire		*				
HTP5100	100’ high temperature thermocouple wire		*				
HTP515	15’ high temperature thermocouple wire		*				
HTP525	25’ high temperature thermocouple wire		*				
HTP550	50’ high temperature thermocouple wire		*				
KTH	Temperature Humidity Probe						*
RA25	Remote Alarm	*	*	*	*	*	*
SCR11	Strip Chart (American Scale)	*	*	*	*	*	*
SCR12	Strip Chart (Metric Scale)	*	*	*	*	*	*
SRMAL	Low voltage/ ma leads					*	
SRVLA	Voltage leads with Alligator clips			*			
TCW100	Type J Thermocouple Wire - 100’ wire only		*				
TCW25	Type J Thermocouple Wire - 25’ wire only		*				
TCW50	Type J Thermocouple Wire - 50’ wire only		*				
TCW75	Type J Thermocouple Wire - 75’ wire only		*				
TP15	15’ wire with 4” stainless steel sensor	*					

Note: Replacement current probe must be calibrated at factory.