

SELECTION GUIDE

Recorders



A VALUE-PRICED RECORDER WITH 1001 USES!



OUR MOST COMPACT CHART RECORDER!



OUR BEST SELLING CHART RECORDERS!



PERFECT FOR FIELD APPLICATIONS!

FLATBED CHART RECORDERS

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A VALUE-PRICED RECORDER WITH 1001 USES!	Linear 157 Series One Channel	1 mV-5 V	1	125 mm	Compact Size	258
MULTI-CHANNEL CAPACITY FOR MAXIMUM EFFICIENCY AND PRODUCTIVITY!	Linear 500 Series 1, 2, or 3 Channel	1 mV-5 V	1, 2, or 3	250 mm	Remote Chart	259
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CUSTOMIZABLE RECORDERS FOR THE LAB OR FACTORY FLOOR!	Linear 2000 Series Modular	mV, I, TC, pH, SG	1 or 2	100 mm or 200 mm	Event Marker/Alarms	262

MODULES

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INNOVATIVE RECORDING OPTIONS FOR THE LINEAR 2000 SERIES!	Linear Signal Conditioning Modules	millivolt/Volt mV Current I Thermocouple TC pH Strain Gauge SG	263

VERTICAL FACE CHART RECORDERS

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PERFECT FOR FIELD APPLICATIONS!	Linear 142 Series One Channel	1 mV-10 V	1	100 mm	Portable/Battery Power	264

Recorders

157 SERIES ONE CHANNEL

Linear

Linear 157 Series



Includes
FREE
Roll of
Chart Paper
and Pen!

A VALUE-PRICED RECORDER WITH 1001 USES!

- — Compact; 125 mm chart width
- — Remote chart on/off
- — 22 chart speeds

ORDERING INFORMATION

Model #	Overall Dimensions Inches (cm)			# of Channels	Volts	Electrical (50/60 Hz) Amps	Watts	Chart Width Lb. (Kg)	Shipping Weight Lb. (kg)	US List Price
	W	H	D							
LR92325	10.8 (27.5)	5 (12.7)	11.5 (29.2)	1	120	0.1	13	125 mm	12 (5.4)	\$1298.00
LR92320	10.8 (27.5)	5 (12.7)	11.5 (29.2)	1	240	0.05	13	125 mm	12 (5.4)	\$1298.00

PRODUCT DESCRIPTION

- Series 157 recorders provide all the features you would expect to find on a standard 250 mm recorder, but the benchtop space requirements are much smaller.
- Reliable and repeatable recording is assured with the unique patented pulse-modulated servo pen drive system in the 157 series recorders.
- Standard 22 chart speeds, 12 input spans, and response time of 50 cm/sec make the 157 series units ideal for labs requiring a versatile, multi-purpose recorder.
- The standard zero control adjusts baseline reference from -100% to +100% to allow up to 2 times the input on any range desired.
- Banana jack input connections and remote chart on/off are also standard on the 157 series.
- Operating ambient temperature range: 41°F to 104°F (5°C to 40°C); 35 to 80% relative humidity, non-condensing.

APPLICATIONS

- Monitor trace analysis instruments: micro-bore HPLC or capillary gas chromatography.
- Use with thermocouples (1 or 10 mV range): monitor oven or incubator stabilities.
- Quality control: monitor industrial process signals.

PRODUCT SPECIFICATIONS

Input Range	1, 2, 5, 10, 20, 50, 100, 500 mV, 1, 2, 5 V: variable 10:1 attenuator
Input Type	Single ended, floating
Input Impedance	2.5 MΩ fixed
Chart Drive	Stepper motor
Chart speeds	1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30 cm/min or cm/hr
Writing Method	Disposable fiber tipped pen
Accuracy	< ±1% overall limit of error
Response Time	Less than 50 cm/sec
Zero Adjust	Continuously adjustable from -100% to +100%

ACCESSORIES

Chart Paper/Disposable Pens		US List Price
Model #	Description	
0100-0017-06	Chart Paper: 30 meter roll (6 rolls)	\$71.00
0100-0105-06	Blue Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0106-06	Red Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0107-06	Black Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0108-06	Green Fiber-Tipped Pen, pkg. of 6	\$22.00

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Express Shipping
Guaranteed!*



*see inside front cover for details

Recorders

1100 SERIES ONE CHANNEL

Linear

Linear 1100 Series



OUR MOST COMPACT CHART RECORDER!

- — 100 mm chart width
- — 12 input voltage span options
- — Override event marker

**Includes
FREE
Roll of
Chart Paper
and Pen!**

ORDERING INFORMATION

Model #	Overall Dimensions Inches (cm)			# of Channels	Volts	Electrical (50/60 Hz) Amps	Watts	Chart Width	Shipping Weight Lb. (kg)	US List Price
	W	H	D							
LR92925	10.5 (26.7)	4.5 (11.4)	8.5 (21.6)	1	120	0.1	8	100 mm	10 (4.5)	\$1214.00
LR92920	10.5 (26.7)	4.5 (11.4)	8.5 (21.6)	1	240	0.05	8	100 mm	10 (4.5)	\$1214.00

PRODUCT DESCRIPTION

- Compact in size, the 1101 recorder offers 12 calibrated full scale ranges from 1 mV to 5V to accommodate most input signals.
- Standard 16 selectable chart speeds and response time of 0.4 seconds full scale make the 1100 recorder a great companion for your chromatography monitoring equipment.
- The 1101 recorder is equipped with a patented pulse-modulated servo pen drive that utilizes maximum voltage, eliminating input averaging and ensuring reliable, repeatable recording.
- Automatic servo shutdown system protects the 1101 recorder circuitry from large input signal variances.
- Override event marker on 1101 recorder can be used for on-line annotation.
- Operating ambient temperature range: 41°F to 104°F (5°C to 40°C); 35 to 80% relative humidity, non-condensing.

APPLICATIONS

- Monitor UV or fluorescence detector response: HPLC.
- Produce a real-time profile of viscosity or temperature measurements.
- Document the stability of an instrument signal: oximeters, electrochemical cells, or potentiometric titrators.

PRODUCT SPECIFICATIONS

Input Range	1, 2, 5, 10, 20, 50 mV, 0.1, 0.2, 0.5, 1, 2, 5 volts
Input Type	Single ended, floating
Input Impedance	2.5 MΩ fixed
Chart Drive	Stepper motor
Chart Speeds	1, 2, 3, 6, 10, 15, 20, 30 cm/min or cm/hr
Writing Method	Disposable fiber tipped pen
Accuracy	< ± 0.5% full scale
Response Time	0.4 sec. full scale
Zero Adjust	-100% to +100% of full scale

ACCESSORIES

Chart Paper/Disposable Pens		US List Price
Model #	Description	
0100-0011-06	Chart Paper: 100 mm, 30 meter roll (6 rolls)	\$71.00
0100-0105-06	Blue Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0106-06	Red Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0107-06	Black Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0108-06	Green Fiber-Tipped Pen, pkg. of 6	\$22.00

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Recorders

500 SERIES 1, 2, OR 3 CHANNEL

Linear

Linear 950 Series



Includes
FREE
Roll of
Chart Paper
and Pen(s)!

MULTI-CHANNEL CAPACITY FOR MAXIMUM EFFICIENCY AND PRODUCTIVITY!

- — 12 input voltage span options
- — Override event marker
- — 22 selectable chart speeds

ORDERING INFORMATION

Model #	Linear Series #	Overall Dimensions Inches (cm)			# of Channels	Electrical (50/60 Hz)			Chart Width	Weight Ship Lb. (kg)	US List Price
		W	H	D		Volts	Amps	Watts			
LR92425	555	17.7 (45)	5.5 (13.9)	14 (35.6)	1	120	0.1	9	250 mm	16.5 (7.5)	\$1712.00
LR92420	555	17.7 (45)	5.5 (13.9)	14 (35.6)	1	240	0.05	9	250 mm	16.5 (7.5)	\$1712.00
LR92525	585	17.7 (45)	5.5 (13.9)	14 (35.6)	2	120	0.2	15	250 mm	18.5 (8.4)	\$2192.00
LR92520	585	17.7 (45)	5.5 (13.9)	14 (35.6)	2	240	0.1	15	250 mm	18.5 (8.4)	\$2192.00
LR92625	595	17.7 (45)	5.5 (13.9)	14 (35.6)	3	120	0.2	20	250 mm	20.0 (9.1)	\$2645.00
LR92620	595	17.7 (45)	5.5 (13.9)	14 (35.6)	3	240	0.1	20	250 mm	20.0 (9.1)	\$2645.00

PRODUCT DESCRIPTION

- Linear 500 Series Recorders are equipped with a patented pulse-modulated servo pen drive system that eliminates input averaging and ensures reliable, repeatable recording.
- Response time of less than 0.5 seconds full scale is ideal for use with trace analysis instruments.
- Electronic servo shutdown system protects the 500 Series circuitry from large input signal variances.
- Override event marker for on-line annotation is standard on all 500 Series units.
- Electric pen lift is standard on 555 and 585 Series recorders.
- Standard zero control adjusts baseline reference from -100% to +100% for each channel.
- Chart drive accuracy is internal-crystal controlled. Chart may also be remotely programmed by pulse train (TTL).
- Operating Ambient Range: 41°F to 104°F (5°C to 40°C), 35 to 80% relative humidity, non-condensing.

APPLICATIONS

- Monitor UV or fluorescence detector response: HPLC.
- Record data from capillary gas chromatography trace analysis experiments.
- Utilize a thermocouple to obtain a temperature profile for a constant temperature water bath or an incubator.

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Guaranteed!*



*see inside front cover for details

PRODUCT SPECIFICATIONS

Input Range	1, 2, 5, 10, 20, 50, 100, 200, 500 mV, 1, 2, 5 V plus 10:1 attenuator to 50V each channel
Input Type	Single ended, floating
Input Impedance	200 MΩ through 100 mV, 2.5 MΩ through 5 V
Chart Drive	Stepper motor
Chart Speeds	1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30 cm/min or cm/hr.
Accuracy	< ± 0.5% overall limit of error
Response Time	0.5 sec. full scale
Zero Adjust	Continuously adjustable from -100% to +100%

ACCESSORIES

Chart Paper/Disposable Pens		US List Price
Model #	Description	
0100-0202	Dust Cover	\$28.00
0100-0025-06	Chart Paper: 0-100 grid, 30 meter roll (6 rolls)	\$71.00
Channel 1 Pens		
0100-0105-06	Blue Fiber-Tipped Pen for all 500 series, pkg. of 6	\$22.00
0100-0106-06	Red Fiber-Tipped Pen for all 500 series, pkg. of 6	\$22.00
0100-0107-06	Black Fiber-Tipped Pen for all 500 series, pkg. of 6	\$22.00
Channel 2 Pens		
0100-0109-06	Blue Fiber-Tipped Pen for 585 series, pkg. of 6	\$22.00
0100-0110-06	Red Fiber-Tipped Pen for 585 series, pkg. of 6	\$22.00
0100-0111-06	Black Fiber-Tipped Pen for 585 series, pkg. of 6	\$22.00
0100-0131-06	Green Fiber-Tipped Pen for all 595 series, pkg. of 6	\$22.00
Channel 3 Pens		
0100-0132-06	Green Fiber-Tipped Pen for 595 series, pkg. of 6	\$22.00

Recorders

1200 SERIES 1 & 2 CHANNEL

Linear

Linear 1200 Series



Includes
FREE
Roll of
Chart Paper
and Pen(s)!

OUR BEST SELLING CHART RECORDERS!

- — 12 input voltage span options
- — 16 selectable cart speeds
- — Electric pen lift & event marker

ORDERING INFORMATION

Model #	Linear Series #	Overall Dimensions Inches (cm)			# of Channels	Electrical (50/60 Hz)			Chart Width	Shipping Weight Lb. (kg)	US List Price
		W	H	D		Volts	Amps	Watts			
LR93025	1201	15 (38.1)	4.4 (11.2)	10.5 (26.7)	1	120	0.2	15	200 mm	13 (5.9)	\$1305.00
LR93020	1201	15 (38.1)	4.4 (11.2)	10.5 (26.7)	1	240	0.1	15	200 mm	13 (5.9)	\$1305.00
LR93125	1202	15 (38.1)	4.4 (11.2)	10.5 (26.7)	2	120	0.2	15	200 mm	15 (6.8)	\$1715.00
LR93120	1202	15 (38.1)	4.4 (11.2)	10.5 (26.7)	2	240	0.1	15	200 mm	15 (6.8)	\$1715.00

PRODUCT DESCRIPTION

- Pulse-modulated servo pen drive uses maximum voltage; eliminates input averaging and ensures reliable, repeatable recording.
- Automatic servo shutdown circuit protects against damage to recorder circuitry due to off-scale input signals.
- Response time of 0.4 seconds full scale is ideal for use with trace analysis instrumentation.
- Internal-crystal controlled chart drive may be remotely programmed by pulse train (TTL).
- Chart may be run in reverse via external control.
- Zero control adjusts baseline reference from -100% to +100% for each channel of 1200 Series recorders.
- Standard override event marker for on-line chart annotation.
- Electronic pen lift and additional event marker control capabilities.
- Operating ambient temperature range: 41°F to 104°F (5°C to 40°C); 35 to 80% relative humidity, non-condensing.

APPLICATIONS

- Monitor UV or fluorescence detector response: HPLC
- Gas chromatography (GC) trace analysis monitoring.
- UV/VIS Spectrophotometers: document kinetic studies and spectrum scans.
- Electrochemistry: titration plots.

PRODUCT SPECIFICATIONS

Input Range	1, 2, 5, 10, 20, 50, 100, 200, 500 mV; 1, 2, 5 V
Input Type	Single ended, floating
Input Impedance	2.5 MΩ
Chart Drive	Stepper Motor
Chart Speeds	1, 2, 3, 6, 10, 15, 20, 30 cm/min or cm/hr
Accuracy	± 0.5% overall limit of error
Response Time	0.4 seconds full scale
Zero Adjust	Continuously adjustable from -100% to 100%

ACCESSORIES

Chart Paper/Disposable Pens

Model #	Description	US List Price
0100-0209	Dust Cover	\$28.00
0100-0026-06	Chart Paper, 200 mm, 30 meter roll (6 rolls)	\$71.00
Channel 1 Pens		
0100-0105-06	Blue Fiber-Tipped Pen for 1200 series, pkg. of 6	\$22.00
0100-0106-06	Red Fiber-Tipped Pen for 1200 series, pkg. of 6	\$22.00
0100-0107-06	Black Fiber-Tipped Pen for 1200 series, pkg. of 6	\$22.00
0100-0108-06	Green Fiber-Tipped Pen for 1200 series, pkg. of 6	\$22.00
Channel 2 Pens		
0100-0109-06	Blue Fiber-Tipped Pen for 1200 series, pkg. of 6	\$22.00
0100-0110-06	Red Fiber-Tipped Pen for 1200 series, pkg. of 6	\$22.00
0100-0111-06	Black Fiber-Tipped Pen for 1200 series, pkg. of 6	\$22.00
0100-0112-06	Green Fiber-Tipped Pen for 1200 series, pkg. of 6	\$22.00

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Express Shipping
Guaranteed!*



*see inside front cover for details

Recorders

2000 SERIES MODULAR

Linear

Linear 2000 Series



CUSTOMIZABLE RECORDERS FOR THE LAB OR FACTORY FLOOR!

- — 1 & 2 channel flatbed models
- — Variable input types via plug-in modules
- — 12 selectable chart speeds

Includes
FREE
Roll of
Chart Paper
and Pen(s)!

ORDERING INFORMATION

Model #	Linear Series #	Overall Dimensions Inches (cm)			# of Channels	Electrical (50/60 Hz)			Chart Width	Shipping Weight Lb. (kg)	US List Price
		W	H	D		Volts	Amps	Watts			
LR93225	2010	7.5 (19.1)	5 (12.7)	9.5 (24.1)	1	120	0.2	12	100 mm	13 (5.9)	\$862.00
LR93220	2010	7.5 (19.1)	5 (12.7)	9.5 (24.1)	1	240	0.1	12	100 mm	13 (5.9)	\$862.00
LR93325	2020	12.5 (31.7)	5 (12.7)	9.5 (24.1)	1	120	0.2	12	200 mm	15 (6.8)	\$927.00
LR93320	2020	12.5 (31.7)	5 (12.7)	9.5 (24.1)	1	240	0.1	12	200 mm	15 (6.8)	\$927.00
LR93425	2030	12.5 (31.7)	5 (12.7)	9.5 (24.1)	2	120	0.2	12	200 mm	15 (6.8)	\$1279.00
LR93420	2030	12.5 (31.7)	5 (12.7)	9.5 (24.1)	2	240	0.1	12	200 mm	15 (6.8)	\$1279.00

* Special Options: Add "-60", "-61", or "-62" after selected recorder model number (e.g. LR93225-60) to order recorder with Alarm, Battery Pack, or Alarm /Battery Pack option, respectively per channel. For pricing on these models, add \$233.00 per channel for Alarms and/or \$181.00 per channel for Battery Pack to the desired recorder model number (also see Accessories list).

PRODUCT DESCRIPTION

- Linear 2000 Series flatbed recorder models can accommodate any one or two of the available five Linear Signal Conditioning Input Modules. Module installation is simple; choose your input module (Thermocouple, mV/Volt, Current, pH, or Strain Gauge) and plug it into the 2000 Series recorder.
- Choose from single-channel flatbed recorders with either 100 mm or 200 mm chart widths or a dual-channel flatbed recorder (accepts two modules) with a 200 mm chart width.
- Pulse-modulated servo pen drive eliminates signal averaging to ensure accurate recording ($\pm 0.5\%$ overall limit of error). Electronically limited servo overrange system dampens offscale signal.
- Operator can select from the following chart speeds: 1, 2, 5, 10, 20, 30 cm/min or cm/hr. Stepper motor driven chart mechanism is crystal controlled with a chart speed accuracy of $\pm 0.25\%$.
- Pen drive response time is < 0.5 seconds full scale.
- Standard override event marker (approx. 2% spike) may be used for on-line chart annotation.
- Operating ambient temperature range: 5°C - 40°C (41°F - 104°F); 35 - 80% RH, non-condensing.

ACCESSORIES

Chart Paper/Disposable Pens

Model #	Description	US List Price
9501-1595	Battery Pack, NiCad/Channel	\$181.00
0100-0011-06	Chart Paper, 0-100 grid, 100 mm, 30 meter roll (6 rolls)	\$71.00
0100-0026-06	Chart Paper, 0-100 grid, 200 mm, 25 meter roll (6 rolls)	\$71.00

Channel 1 Pens

0100-0105-06	Blue Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0106-06	Red Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0107-06	Black Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0108-06	Green Fiber-Tipped Pen, pkg. of 6	\$22.00

Channel 2 Pens

0100-0109-06	Blue Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0110-06	Red Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0111-06	Black Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0112-06	Green Fiber-Tipped Pen, pkg. of 6	\$22.00

APPLICATIONS

- Physiology Research/Teaching Laboratories.
- Industrial Processing/Quality Control Monitoring.
- Monitor UV or Fluorescence Detector Response: HPLC.

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Recorders

2000 SERIES MODULAR

Linear

ORDERING INFORMATION

Linear Conditioning Modules

Model #	Input Module	Input Range (s)	Accuracy	Input Impedance	Zero Setting	Gain/Attenuation	Output	Shipping Weight Lb. (kg)	US List Price
0024-0000	pH	pH: 0-14, ± 700 mV	± 0.03 pH ± 3 mV	10 ⁶ MΩ	+50 to -150 %pH ± 100% mV	None	0-100 mV	2 (0.9)	\$324.00
0028-0000	Strain Gauge	10 mV to 3 V	± 0.1% F.S.	100 kΩ	None	0.01, 0.1, 1, 10, 100X	2-11 V (Power)	2 (0.9)	\$534.00
0023-0000	Thermocouple	Types J, K, T, E	± 2°C + probe 0-100, 500, 1000 °C/°F	n/a	Offset 100°C window -250° to 1900°F	None	1 mV per degree	2 (0.9)	\$556.00
0021-0000	Millivolt/ Volt	1, 2, 5, 10, 20, 50 mV	0.1% F.S. 0.1, 0.2, 0.5, 1, 2, 5 V	2.5 MΩ	± 100%	up to 2.5:1	0-100 mV attenuation	2 (0.9)	\$352.00
0022-0000	Current	0-1, 0-10, 0-100 mA 4-20, 10-50 mA; 0-1A	0.1% F.S.	0.2Ω to 100Ω (6 total)	0-100%	1 to 1.25 X gain	0-100 mV	2 (0.9)	\$352.00

PRODUCT DESCRIPTION

- **pH Module** records pH directly from electrode input without a preamplifier. High (10⁶ MΩ) input impedance permits direct pH probe connections. Accepts electrodes with BNC connectors. Expanded scale (10x) lets you use any pH 1.4 unit or 70 mV portion of total scale as the range, and suppress the rest of the scale for greater accuracy. Module features controls for slope and manual temperature compensation (0 to 100°C).
- **Strain Gauge Module** accurately records strain gauge measurements while the built-in 3 1/2-digit LCD indicates the values. Includes adjustable power supply (2-11 VDC) to energize your strain gauge.
- **Thermocouple Module** accepts types J, K, T and E thermocouple probes with miniconnectors. Module conditions the signal, displays it on a built-in 3 1/2-digit LCD, and sends it to the pen drive for recording. Module features three selectable spans (100, 500, and 1000°C/°F).
- **Volt/Millivolt Module** can be used with devices with outputs up to 5 V. Panel controls include attenuation up to 2.5:1.
- **Current Module** accepts signals for recording parameters such as humidity, pressure, and flow. Features zero offset, zero suppression, and variable gain adjustment. Input impedance is 100Ω at 1 mA and 0.2Ω at 1 A.

Linear Signal Conditioning Modules



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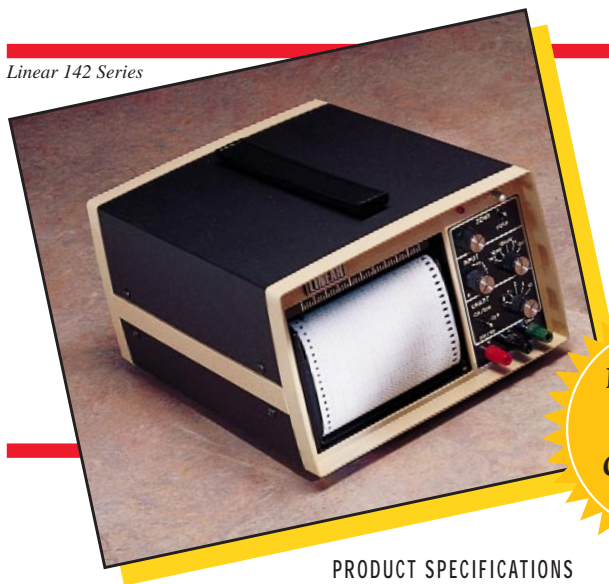
*see inside front cover for details

Recorders

142 SERIES ONE CHANNEL

Linear

Linear 142 Series



PERFECT FOR FIELD APPLICATIONS!

- — Small, portable battery-powered recorder
- — Battery-life: 6 hours to 1 week
- — Input range of 1 mV to 10 volts

Includes
FREE
Roll of
Chart Paper
and Pen(s)!

PRODUCT SPECIFICATIONS

Model #	Overall Dimensions Inches (cm)			# of Channels	Electrical (50/60 Hz) Volts	Chart Width	Special Feature	Shipping Weight Lb. (kg)	US List Price
	W	H	D						
LR92025	8.8 (22.4)	6.3 (16)	11.5 (29.2)	1	12 VDC/120 VAC	100 mm	Battery Pack	15 (6.8)	\$1910.00
LR92020	8.8 (22.4)	6.3 (16)	11.5 (29.2)	1	12 VDC/240 VAC	100 mm	Battery Pack	15 (6.8)	\$1910.00

Recharges on 120VAC or 240VAC.

Battery life: 6 hours to 1 week (dependent on chart speed and recording rate)

PRODUCT DESCRIPTION

- Series 142 model recorders are lightweight, rugged and compact; at a weight of only eleven pounds, this recorder is easy to carry into the field.
- Series 142 model recorders are equipped with 12 Volt DC battery pack which is essential for field applications where AC power is not available.
- Battery pack recharges when unit is plugged into a wall receptacle.
- Battery pack can be recharged up to 200 times.
- Vertical face chart system includes paper take-up spool for protection of your graphic recordings in the field.
- Standard recording options include 10 selectable chart speeds, 5 input spans, and 100% zero suppression.
- Operating Ambient Range 41°F to 104°F (5°C to 40°C); 35 to 80% relative humidity, non-condensing.

APPLICATIONS

- Field testing: environmental temperature monitoring studies.
- Industrial process equipment or energy consumption tests.

48 Hour or Sooner
Express Shipping
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*see inside front cover for details

PRODUCT SPECIFICATIONS

Input Range	1, 10, 100 mV; 1 and 10 Volts; with variable 10:1 attenuator to 100 VDC
Input Type	Single ended, floating
Input Impedance	2.5 MΩ
Chart Drive	Stepper motor
Chart Speeds	0.5, 1, 2, 5, 10 cm/min and cm/hr
Writing Method	Disposable fiber tipped pen
Accuracy	< ±0.5% overall limit of error
Response Time	0.5 sec. full scale
Zero Adjust	Continuously adjustable from -100% to +100%

ACCESSORIES

Chart Paper/Disposable Pens

Model #	Description	US List Price
0141-7013-01	Clear Protective Door Kit (Series 142)	\$52.00
0100-0011-06	Chart Paper: 0-100 grid, 30 meter roll (6 rolls)	\$71.00
0100-0105-06	Blue Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0106-06	Red Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0107-06	Black Fiber-Tipped Pen, pkg. of 6	\$22.00
0100-0108-06	Green Fiber-Tipped Pen, pkg. of 6	\$22.00