

Linear Recorders



142 Series One Channel



Linear 142 Series

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

Goes from Field to Laboratory!

- Small, portable battery-powered recorder
- Battery-life: 6 hours to 1 week
- Input range of 1 mV to 100 volts

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 or use in the laboratory.
- Linear Model 142 recorders use 100 mm chart paper and are equipped with 12 Volt DC battery pack, essential for field applications where AC power is not available.
- Battery pack recharges when unit is plugged into a wall receptacle.
- Vertical-face chart system includes paper take-up spool for protection of recordings in the field.

- 10 selectable chart speeds and 100% zero suppression provide flexibility under less than ideal conditions.
- 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

PRODUCT SPECIFICATIONS

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

ORDERING INFORMATION

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)	\$2,464.00
LR92020	8.8 (22.4)	6.3 (16)	11.5 (29.2)	1	12 VDC/240 VAC	100 mm	Battery Pack	15 (6.8)	\$2,464.00

Recharges on 120VAC or 240VAC.

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

ACCESSORIES

Chart Paper/Disposable Pens			US List Price
Model #	Description		
0141-7013-01	Clear Protective Door Kit (Series 142)		\$66.00
0100-0011-06	Chart Paper: 0-100 grid, 30 meter roll (6 rolls)		\$80.00
0100-0105-06	Blue Fiber-Tipped Pen, pkg. of 6		\$25.00
0100-0106-06	Red Fiber-Tipped Pen, pkg. of 6		\$25.00
0100-0107-06	Black Fiber-Tipped Pen, pkg. of 6		\$25.00
0100-0108-06	Green Fiber-Tipped Pen, pkg. of 6		\$25.00