

## Linear Recorders



### 500 Series 1, 2, or 3 Channel



Linear 500 Series

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

#### Product Description

- Linear 500 Series Recorders are equipped with one, two or three pens, 250 mm width paper and inputs allowing ranges of up to 50 volts per channel.
- 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.

#### Multi-Channel Capacity for Maximum Efficiency and Productivity!

- 12 input voltage span options
- Override and electrical event markers
- Single and dual channel modes

- Electric pen lift is standard on single or dual pen Series 500 recorders.
- Standard zero control adjusts baseline reference from -100% to +100% for each channel.
- Operating Ambient Range: 41°F to 104°F (5°C to 40°C), 35 to 80% relative humidity, non-condensing.

#### Applications

- Recording data from laboratory instrumentation having analog outputs of 0-50V DC.

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

#### 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	12	250 mm	16.5 (7.5)	\$2,464.00
LR92420	555	17.7 (45)	5.5 (13.9)	14 (35.6)	1	240	0.05	12	250 mm	16.5 (7.5)	\$2,464.00
LR92525	585	17.7 (45)	5.5 (13.9)	14 (35.6)	2	120	0.2	24	250 mm	18.5 (8.4)	\$3,321.00
LR92520	585	17.7 (45)	5.5 (13.9)	14 (35.6)	2	240	0.1	24	250 mm	18.5 (8.4)	\$3,321.00
LR92625	595	17.7 (45)	5.5 (13.9)	14 (35.6)	3	120	0.2	24	250 mm	20.0 (9.1)	\$4,071.00
LR92620	595	17.7 (45)	5.5 (13.9)	14 (35.6)	3	240	0.1	24	250 mm	20.0 (9.1)	\$4,071.00

#### ACCESSORIES

Chart Paper/Disposable Pens			Chart Paper/Disposable Pens		
Model #	Description	US List Price	Model #	Description	US List Price
0100-0202	Dust Cover	\$33.00	<b>Channel 2 Pens</b>		
0100-0025-06	Chart Paper: 0-100 grid, 30 meter roll (6 rolls)	\$80.00	0100-0109-06	Blue Fiber-Tipped Pen for 585 series, pkg. of 6	\$25.00
<b>Channel 1 Pens</b>			0100-0110-06	Red Fiber-Tipped Pen for 585 series, pkg. of 6	\$25.00
0100-0105-06	Blue Fiber-Tipped Pen for all 500 series, pkg. of 6	\$25.00	0100-0111-06	Black Fiber-Tipped Pen for 585 series, pkg. of 6	\$25.00
0100-0106-06	Red Fiber-Tipped Pen for all 500 series, pkg. of 6	\$25.00	0100-0131-06	Green Fiber-Tipped Pen for all 595 series, pkg. of 6	\$25.00
0100-0107-06	Black Fiber-Tipped Pen for all 500 series, pkg. of 6	\$25.00	<b>Channel 3 Pens</b>		
			0100-0132-06	Green Fiber-Tipped Pen for 595 series, pkg. of 6	\$25.00