

Linear Recorders



1200 Series 1 and 2 Channel



Linear 1200 Series

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

Product Description

- Single and dual pen recorders using 200 mm width chart paper and inputs of up to 5 volts.
- Automatic servo shutdown circuit protects against damage to recorder circuitry due to off-scale input signals.
- Response time of 0.25 seconds full scale is ideal for use with trace analysis instrumentation.

Our Best Selling Chart Recorders!

- Single or dual pen models
- Electric pen lift and event marker
- Fast pen response (0.25 seconds)
- Internal-crystal controlled chart drive may be remotely programmed by pulse train (TTL).
- Chart may be run in reverse via external control or manually advanced.
- Zero control adjusts baseline reference from -100% to +100% for each channel of 1200 Series recorders.
- Event marker for on-line chart annotation.
- Electronic pen lift and additional event marking 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 | Chart Speeds | 1, 2, 3, 6, 10, 15, 20, 30 cm/min or cm/hr |
| Input Type | Single ended, floating | Accuracy | ± 0.5% overall limit of error |
| Input Impedance | 2.5 MΩ | Response Time | 0.4 seconds 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 | Volts | Electrical (50/60 Hz) | | Chart Width | Shipping Weight Lb. (kg) | US List Price |
|---------|-----------------|--------------------------------|------------|-------------|---------------|-------|-----------------------|-------|-------------|--------------------------|---------------|
| | | W | H | D | | | Amps | Watts | | | |
| LR93025 | 1201 | 15 (38.1) | 4.4 (11.2) | 10.5 (26.7) | 1 | 120 | 0.2 | 24 | 200 mm | 13 (5.9) | \$2,036.00 |
| LR93020 | 1201 | 15 (38.1) | 4.4 (11.2) | 10.5 (26.7) | 1 | 240 | 0.1 | 24 | 200 mm | 13 (5.9) | \$2,036.00 |
| LR93125 | 1202 | 15 (38.1) | 4.4 (11.2) | 10.5 (26.7) | 2 | 120 | 0.2 | 24 | 200 mm | 15 (6.8) | \$2,786.00 |
| LR93120 | 1202 | 15 (38.1) | 4.4 (11.2) | 10.5 (26.7) | 2 | 240 | 0.1 | 24 | 200 mm | 15 (6.8) | \$2,786.00 |

ACCESSORIES

| Chart Paper/Disposable Pens | | | Chart Paper/Disposable Pens | | |
|-----------------------------|---|---------------|-----------------------------|---|---------------|
| Model # | Description | US List Price | Model # | Description | US List Price |
| 0100-0209 | Dust Cover | \$33.00 | Channel 2 Pens | | |
| 0100-0026-06 | Chart Paper, 200 mm, 30 meter roll (6 rolls) | \$80.00 | 0100-0109-06 | Blue Fiber-Tipped Pen for 1200 series, pkg. of 6 | \$25.00 |
| Channel 1 Pens | | | 0100-0110-06 | Red Fiber-Tipped Pen for 1200 series, pkg. of 6 | \$25.00 |
| 0100-0105-06 | Blue Fiber-Tipped Pen for 1200 series, pkg. of 6 | \$25.00 | 0100-0111-06 | Black Fiber-Tipped Pen for 1200 series, pkg. of 6 | \$25.00 |
| 0100-0106-06 | Red Fiber-Tipped Pen for 1200 series, pkg. of 6 | \$25.00 | 0100-0112-06 | Green Fiber-Tipped Pen for 1200 series, pkg. of 6 | \$25.00 |
| 0100-0107-06 | Black Fiber-Tipped Pen for 1200 series, pkg. of 6 | \$25.00 | | | |
| 0100-0108-06 | Green Fiber-Tipped Pen for 1200 series, pkg. of 6 | \$25.00 | | | |