



Economy Series Flatbed Recorder Specifications

L120E, L200E, L250E

Features

120 mm, 200mm, 250mm chart width versions

- 15 voltage ranges 1 mV - 50 V
- Individual electric pen-lifts
- Single chip hybrid technology
- 16 chart speeds 0.1 mm - 20 mm/sec/min
- Manual and electric paper advance/rewind
- Fiber tip pens



Technical Specifications

- **No. of Channels:** 1 or 2
- **Chart Width:**
L120E: 120 mm
L200E: 200 mm
L250E: 250 mm
- **Input Ranges:**
1, 2, 6, 10, 20, 60, 100, 200 MV
0.5, 1, 2.5, 5, 10, 25, 50 V
- **Zero Setting:** Chart Width Plus 200% Suppression
- **Accuracy:** 0.5%
- **Linearity:** 0.35%
- **Full Scale Deflection Time:**
L120E: > 0.12 sec.
L200E: > 0.18 sec.
L250E: > 0.2 sec.
- **Input Impedance:**
DC mV ranges: > 30 MOHM
DC V ranges: 2 MOHM
- **Source Impedance:** < 6 KOHM
- **Overload Protection:** Electronic
- **Range Expansion:** Continuously adjustable up to 250% of selected range
- **Cut-off Frequency:** >3.6 Hz Sine Wave / -3 dB
- **CMRR:** > 130 dB
- **Pen - lift:** Separate for each channel
- **Chart Speeds:** 0.1, 0.2, 0.5, 1, 2.5, 10, 20 mm/s and mm/min
- **Resolution:** 0.08 mm
- **Operating Conditions:** +10C to +40C
- **Humidity Range:** < 80% Relative Humidity
- **Safety:** Protection Class 1, built according to VDE 0411, EMV according to DIN/VDE O843/IEC
- **FCC Rating:** VDE O871 Class B
- **Power Supply:** Switchable 115/230V 50/60Hz by switch
- Dimensions: mm W x D x H **Weight:** Approx. 3 kg

L120E	261	x	350	x	127
L200E	340	x	350	x	127
L250E	390	x	350	x	127