Modular Universal Oscillographs
(continued)

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Oscillographic Recording Applications

Curvilinear Recording
- Higher frequency response (70 Hz); greater trace width
- Waveforms are commensurate with a curved trace
- More suitable for teaching and demonstrations

Rectilinear Recording
- Produces straight-line, pen tip travel that is easy to calibrate and measure
- Reduced frequency response; (40 Hz) and pen travel
- More suitable for analytical-type recordings, such as ECG

Specifications

Pen Amplifier Module:
- Maximum Gain: 30 mV/cm
- Input Impedance: > 100 KΩ (Single Ended)

Frequency Response:
- Curvilinear: DC to 70 Hz ±3 dB
- Rectilinear: DC to 40 Hz ±3 dB

Trace Width:
- Curvilinear: 5 cm (2 in)
- Rectilinear: 4 cm (1.6 in)

Dimensions, H x W x D:
- 2-Channel Recorders: 195 x 508 x 205 mm (7-1/3 x 20 x 8 in)
- 4-Channel Recorders: 195 x 508 x 305 mm (7-1/3 x 20 x 12 in)

Weight:
- 2-Channel Recorders: 10 kg (22 lb)
- 4-Channel Recorders: 14.5 kg (32 lb)

Modular Universal Oscillograph

Power

Recording Method | Power
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Curvilinear, 2-Channel | 115 VAC, 60 Hz
Curvilinear, 4-Channel | 230 VAC, 50 Hz
Rectilinear, 2-Channel | PY2 50-8630, PY2 50-8622
Rectilinear, 4-Channel | PY2 50-9315, PY2 50-9307

Order # | Product
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PY2 50-8978 | Pen Amplifier Module for Curvilinear Oscillograph
PY2 50-8986 | Pen Amplifier Module for Rectilinear Oscillograph
PY2 50-9091 | Replacement Pen for Curvilinear Oscillograph
PY2 50-9083 | Replacement Pen for Rectilinear Oscillograph
PY2 50-9018 | Black Ink Cartridge
PY2 50-9174 | Blue Ink Cartridge
PY2 50-9182 | Red Ink Cartridge
PY2 50-9190 | Green Ink Cartridge
PY2 50-9034 | Paper, 91 m (300 ft) for 2-Channel, Curvilinear Oscillograph
PY2 50-9026 | Paper, 91 m (300 ft) for 2-Channel, Rectilinear Oscillograph
PY2 50-9372 | Paper, 91 m (300 ft) for 4-Channel, Curvilinear Oscillograph
PY2 50-9364 | Paper, 91 m (300 ft) for 4-Channel, Rectilinear Oscillograph
PY2 50-9331 | Paper, 91 m (300 ft) for 4-Channel, Rectilinear Oscillograph

Physiology

recorders