

900 SERIES XY RECORDERS

SPECIFICATIONS

Remote	Analog: P/N 57-40140 Digital (Option 30): RS-232C: P/N 206584-1 AMP Digital (Option 30): 8 Bit Parallel: P/N 840-576-4036027 Amphenol
Type of Inputs	Floating and guarded. Rear input connectors and front input terminals are standard on all models
Impedance	1 megohm at DC all models, all ranges, calibrated or uncalibrated
Accuracy	$\pm 0.2\%$ full scale
Dead Band	$\pm 0.1\%$ full scale
Linearity	$\pm 0.1\%$ full scale
Zeroing	Full-scale plus 120% suppression all models
Slewing Speed	41 in/sec (102 cm/sec) nominal
Zero Check	Model 920, 925
Pen Lift	Electric, with remote control capability TTL or switch closure
Standardization	Double-regulated zener reference with temperature stability better than $0.003\%/^{\circ}\text{C}$
Temperature Maximum	Less than $\pm 0.2\%$ full scale, 10° to 40° C after warm-up, including zero shift 200 VDC peak to peak
Common Mode	>120 dB @ DC; >120 dB @ 60 Hz; >120 dB @ 400 Hz on most sensitive range, with 1K ohm source unbalance
Pens	Disposable, fiber tipped
Paper Holding	Vacuum or Electrostatic Chart Hold
Paper Loading	A switch or command indexes the carriage to the extreme right edge of the recording area to facilitate loading and removal
Writing Area	10 x 15 inch (25 cm x 38 cm)
Paper Size	11 x 17 inch (22 cm x 28 cm or DIN Size A-4)
Power	115 V or 230 V, $\pm 10\%$ switchable, 50-400 Hz, approximately 40 watts peak
Options	Electrostatic Chart Hold, locking knobs for variable gain adjustment and zero adjustment controls. Rack mounting, Digital Interface, Bridge Power Supplies
Accessory	Dust Cover
Physical	Weight: Approximately 27 lb. (12.2 kg) Shipping Weight: Approximately 36 lb. (16.2 kg) Fits EIA standard 19" x 10.5" opening, using optional rack case.