

700 SERIES XY RECORDERS

SPECIFICATIONS

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	23 in/sec (58 cm/sec) nominal
Zero Check	Model 715, 720, 725, 735
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	Less than $\pm 0.2\%$ full scale, 10° to 40° C after warmup, including zero shift
Maximum	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, 6 colors
Paper Holding	PAD/LOAD [®] or Electrostatic Chart Hold (Optional)
Paper Loading	A switch or command indexes the carriage to the extreme right edge of the recording area to facilitate chart loading and removal
Writing Area	7 x 10 inch (18 x 25 cm)
Paper Size	8.5 x 11 inch (22 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
Accessory	Dust Cover, carry case
Physical	Weight: Approximately 20 lb. (9.07 kg) Shipping Weight: Approximately 25 lb. (11.34 kg) Fits EIA standard 19 x 10½ inch opening, using optional brackets
Remote	Analog: P/N 57-40140 Amphenol Digital (Option 30): RS-232C: P/N 206584-1 AMP Digital (Option 30): 8 Bit Parallel: P/N 840-576-4036027 Amphenol