

Beautiful Streamer

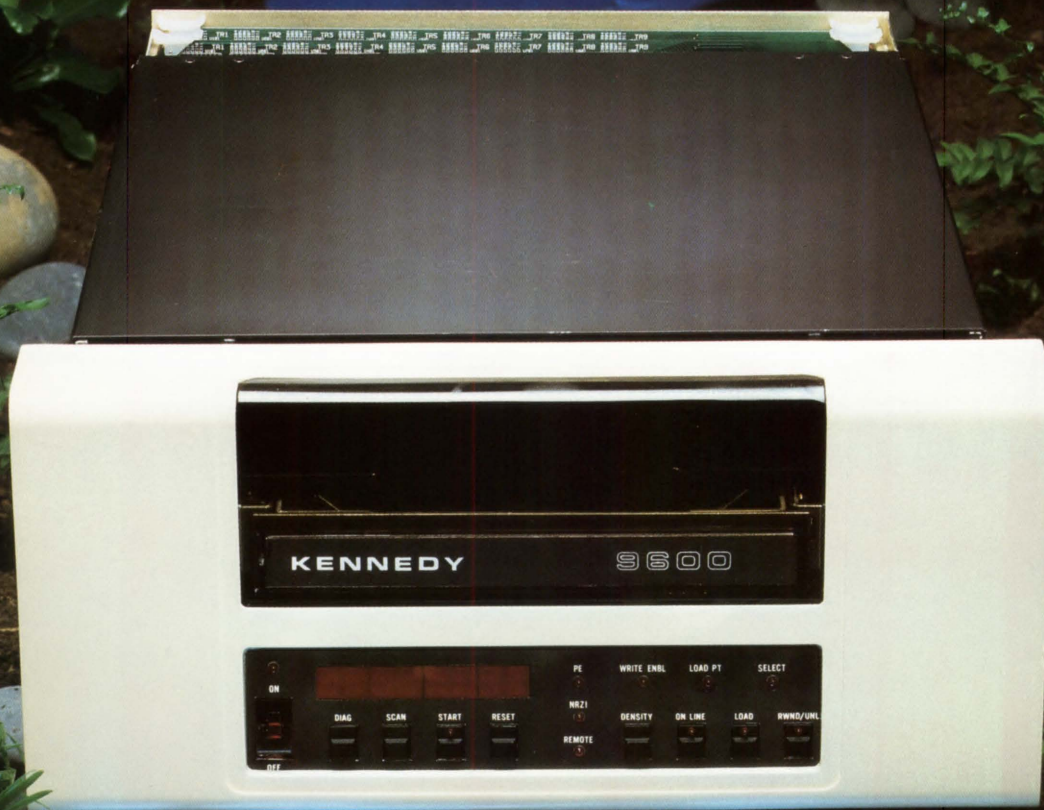
Kennedy proudly announces Model 9600, the first member of a new family of advanced low cost formatted tape drives. A few of its many features include; Autoload; 800/1600 CPI dual density; streaming capability of 100 ips; a capstan motor which provides an amazing 45 ips true start/stop mode; PC boards which may be moved or replaced in any order on a common bus for upgrading to higher performance levels or different interfaces — the list, fortunately, goes on and on. Write or call today.

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Specifications — Model 9600

ELECTRICAL AND MECHANICAL SPECIFICATIONS

Recording Density	800 cpi in NRZI 1600 cpi in PE
Tape Speed	
Start/Stop	45 ips
Streaming	100 ips
Rewinding, nominal	200 ips
Nominal Data Access time	
Streaming (100ips)	
Read	100 ms
Write	100 ms
Start/stop (45ips)	8.3 ms
Command Reissue Time (streaming)	
Write command	4.5 ms
Write command, long gap	10.5 ms
Read command	6.0 ms
Repositioning Time (streaming mode)	400 ms nominal
Data transfer Rate	
100 ips	PE — 160 KB/sec; NRZI — 80 KB/sec
45 ips	PE — 72 KB/sec; NRZI — 36 KB/sec
Speed Variation	
Instantaneous	+/- 3%
Long term	+/- 1%
Motion Control	Microprocessor controlled capstan and reel servo with swing arm tape buffering
Tape	
Width	0.498 (+/- .002) inch
Thickness	1.9 or 1.3 Mil (0.038 or 0.0226 mm)
Tension	8.0 +/- 2.0 ounces
Auto Loading	7.0, 8.5, or 10.5 inches open reels
Tape Threading	Auto threading
Capacity	
1.9 Mil tape	600, 1200, or 2400 feet
1.3 Mil tape	900, 1800, or 3600 feet
Reel hub	3.69 inches (9.37 cm) diameter/ANSI

Magnetic Head Assembly

Surface	Hard coated
Number of tracks	9 tracks, read after write
Write to read gap	0.150 inch
Erase head	full width
Wrap angle	7.0 degrees
Write skew	100 microinch
Read skew	100 microinch
Tape cleaner	sapphire
BOT/EOT detection	infrared
Broken tape detection	infrared

Interface	Industry standard
Formatter	Integral, all densities
Diagnostics	Internal self test/front panel

MTBF	5000 hours
MTTR	30 minutes

Environmental specifications

Temperature, operating	36° to 104° F (2° to 40° C)
Temperature, nonoperating	28° to 158° F (-2° to 70° C)
Humidity, operating	15% to 90% non-condensing
Humidity, storage	5% to 95% non-condensing
Altitude, operating	0 to 10,000 ft. (0 to 3000 m.)
Altitude, shipping	0 to 50,000 ft. (0 to 15,000 m.)

Power requirements

60Hz voltage	120vac +10% -15%
input current, nominal	4.5a
power, nominal	500w
50 Hz voltage	220vac +10% -15%
input current, nominal	2.5a
power, nominal	500w

Physical Dimensions

Height	8.75 inches
Width	17.00 inches
Depth	
from mounting surface	22.00 inches
overall	24.50 inches

Mounting, standard	19 inch RETMA rack, with slide
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Regulatory Safety	UL listed, CSA certified meets FCC part 15, subpart J
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