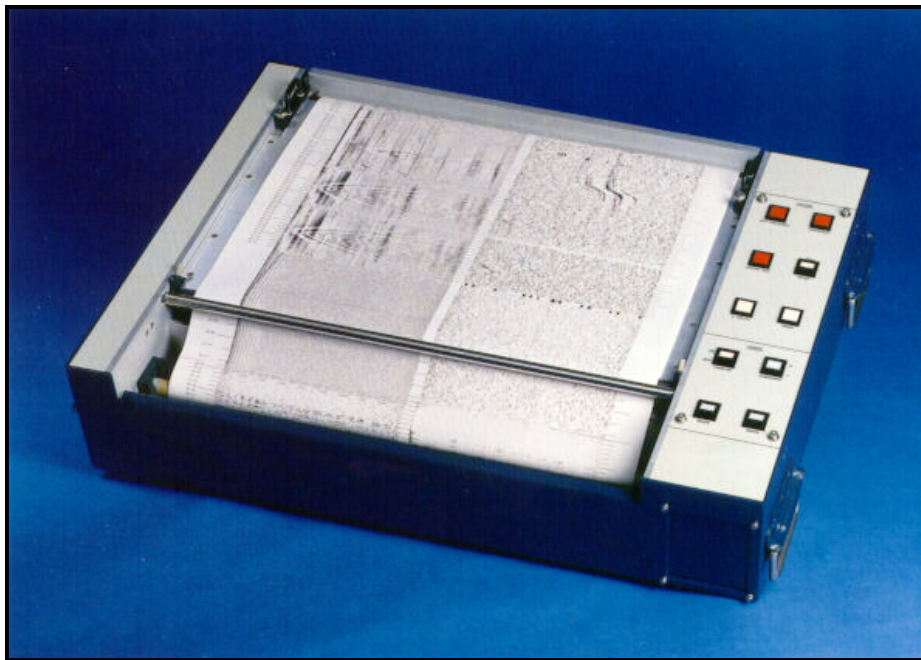




MODEL 9500 THERMAL GRAPHIC RECORDER

With over three decades of experience in hardcopy display, EPC is proud to present the 9500 Thermal Graphic Recorder. In an increasingly computerized environment, the 9500 answers technically demanding markets with the speed and versatility of the IEEE-488 interface. This capable interface comes packaged to meet military specifications. All systems are modular in nature and are easily repaired or replaced. With a Mean-Time-Between-Failure that calculates out at over 23,000 hours, the 9500 will pass environmental testing for MIL-STD-810D, MIL-STD-167/1, and MIL-STD-16400. Optional factory modifications provide EMI/RFI compliance with MIL-STD-461 and 462.



The 9500 belongs to a family of EPC recorders, that utilizes thermal printhead technology to generate crisp records on heat-sensitive paper or film. As many as 64 shades of gray can be printed across the 20" display at a print density of 203 dots per inch. The real strength of the 9500, however, lies in its 8-bit parallel interface. With the programmable GPIB interface, the recorder has the flexibility to integrate with a variety of systems. Once the plug-in board is programmed for the operator's specific parameters, the 9500 can process data at up to 500kbs. As sure as you can count on EPC's perennial commitment to customer service, you'll be able to depend on the rugged, state-of-the-art, 9500 Thermal Recording System.

Control Elements

	Panel Controls	Remote
Take-up:	Chart take-up, on/off	No
Event Mark:	Print event line.	Yes
Rapid Advance:	Momentary rapid chart advance. Paper advances at approximately .30' per second.	Yes
Contrast:	Set intensity of presentation, white to black.	Yes
Test:	Print standard test patterns.	Yes
Reset:	Resets internal microprocessor to default setup.	Yes

Indicators

5 Volts:	Indicates power to the recorder's logic, control panel, indicators, take-up motor, and chart advance systems.
Print:	Indicates print voltage, 24V, to printhead and chart advance systems.
Paper Out:	Indicates recorder out of paper. Recorder will not print until paper is properly loaded.
Not Engaged:	Indicates print roller not engaged with printhead. Recorder will not print, until roller is properly seated.
Overheat:	Indicates overheating of printhead. Recorder automatically resets after cooling down.

Digital Interface

IEEE-488 GPIB Interface:	Complete TALKER/LISTENER addressable interface. Data transfer rates up to 500 Kbytes/sec. Consult factory for detailed specifications.
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General Specifications

Power	115/230 VAC, 225W	Dimensions	29'W x 22'D x 7'H
Weight	65 Lbs. with paper	Shipping Weight	125 Lbs.
Operating Temperature	0°C - +65°C	Storage Temperature	-28° C - +65° C
Paper Length	300'	Film Length	230'
Paper/Film Width	20.66'	Resolution	203 DPI
Data Points	4096	Tone Shades	Up to 64
Shock	MIL-STD-810D	Vibration	MIL-STD-167/1
Humidity	MIL-STD-16400	MTBF	23,000 hours

Warranty: Limited one year warranty, parts and labor.

Specifications subject to change

