



EPC MODEL 9200 THERMAL GRAPHIC RECORDER

With over three decades of experience in the ASW and surveillance arena, EPC is proud to present the most advanced spectrum analysis recorder yet, the Model 9200. To excel in the demanding conditions of military environments, this microprocessor based recorder was designed with a high degree of reliability and maintainability. All systems are modular in nature and are easily repaired or replaced. Furthermore, the 9200's basic design was derived from military specifications. Mean-Time-Between-Failure calculates out at over 23,000 hours and the recorder 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 9200 is one in a family of EPC gram writers featuring thermal printhead technology that utilizes heat-sensitive paper or film. At 203 dots per inch, 16 shades of gray (64 shades for the Model 9205) can be printed across the 20 inch display. The industry-standard 4 bit digital interface integrates with most spectrum analyzers and can be modified for special applications. Combine all this with EPC's rugged mechanical design, and the end product is clean, crisp, reliable grams. With such a high degree of dependability, it is doubtful that you will have to call on EPC's 32 year commitment to customer service.

Panel Controls & Indicators

Int/Ext Trigger:	Select internal or external triggering.
Take-up:	Chart take-up; on/off.
Event Mark:	Print event line.
Rapid Advance:	Momentary rapid chart advance; .30"/second.
Int/Ext Chart Clock:	Select internal or external chart clock.
Int/Ext Data Clock:	Select internal or external data clock.
Chart Speeds:	Select lines per inch; 150 or 200.
Scans/Second:	Select scans/sec; 32, 16, 8, 4, 2, 1,.5, STBY, REM, TEST.
Test Patterns:	Print standard test patterns.
Contrast:	Set intensity of presentation, white to black.
Reset:	Resets internal microprocessor to default setup.
5 Volts:	Indicates power to recorder's logic, control panel, indicators, and chart advance systems.
Print:	Indicates print voltage, 24V, to printhead and chart advance systems.
Ready:	Indicates recorder ready to accept data.
Paper Out:	Indicates recorder out of paper.
Not Engaged:	Indicates print roller not engaged with printhead.
Overheat:	Indicates overheating of printhead.

Digital Interface

Remote:	Remote speeds selectable through 25 pin "D" connector; 16,8,4,2,1,.5,.25 scans/sec, STBY.
Digital Clock Out:	Data clock output provided for synchronization.
Zero Pulse Out:	1.0 microsecond, 5V TTL pulse provided to indicate start of sweep cycle.
Digital Data In:	4 bit parallel input for tone shade; 0000 = white, 1111 = black (up to 64 shades).

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	16 to 64 (depending on Model)
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 without notice.

