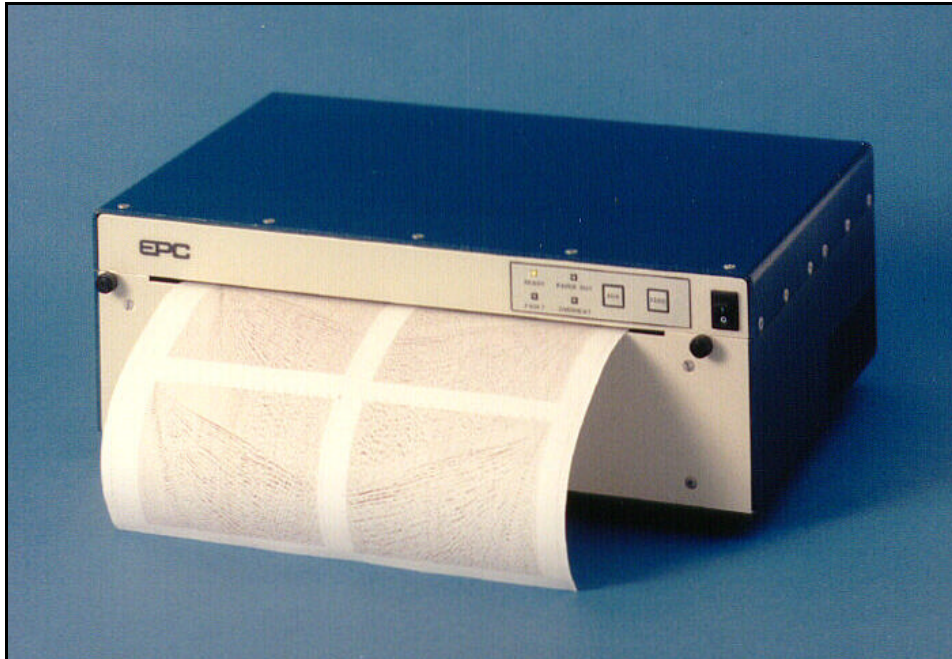




THE MODEL HSP-100 HIGH SPEED PLOTTER



EPC Laboratories, Inc. has designed its fastest and highest resolution thermal printer yet, The HSP-100. The HSP uses a single step thermal process to develop photographic quality images at up to 256 shades of gray on heat sensitive paper or film. The high plot speeds, simple operation and compact design make it an ideal output for your imaging needs.

Utilizing advances in modern electronics, EPC has minimized the amount of parts in the unit to greatly enhance reliability. The single board controller executes the HSP's advanced logic in a single high-density CPLD eliminating unnecessary circuitry.

The HSP-100 is also very efficient. In standby mode, the system controller disables the auto-sensing power supply (84-265 VAC). Idle power consumption is an environmentally friendly 10 Watts. Furthermore, the printing process is optimized to reduce the number of print cycles per line. As usual EPC compromises nothing on the mechanical frame.

For over thirty years, EPC has serviced mission-critical applications with dependable equipment. Whether your application is sonar profiling, seismic imaging, spectrum analysis, communication surveillance or industrial imaging; the HSP is the ideal solution.

PHYSICAL

Dimensions 5.75"H x 15.5"W x 12"D, (146mm x 393mm x 304mm)
Weight 22 pounds, (10 kg)

MEDIA

Standard media Heat sensitive thermal paper or high grade plastic film, 23dB dynamic range
Paper length 150 feet / 46 meters
Film length 130 feet / 40 meters
Operating Temperature 32° to 149° F, 0° to 65° C
Storage Temperature -18° to 149° F, -28° to 65° C

POWER

AC Input 85-264 VAC Auto-sensing
DC Output 24 VDC @ 8.3 Amps, 5 VDC @ 10.0 Amps
Power Consumption Idle: 10 Watts, Nominal: 50 Watts, Peak: 90 Watts

PRINTING

Printing Method Direct Thermal Transfer
Printhead 2048 pixels at 203 DPI (8 Dots/mm)
Print Width 10.0" (256mm)
Plot Speeds Max: 10ms per line
Gray Shades Up to 256

INTERFACE

Centronics Parallel 8 bit TTL Data input, TTL Handshake (/Strobe & Busy)
Data Input 2048 Bytes/Line

WARRANTY

Limited one year parts and labor.

* specifications subject to change.



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