

**WANG**

LABORATORIES, INC.

836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL. (617) 851-7311, TWX 710 343-6769, TELEX 94-7421

## DATA SHEET

The -12 Flat Bed Plotter provides continuous line or point plotting of curves and data as well as full alphanumeric labeling of problems solved on Wang calculating systems. Besides plotting standard curves, the -12 can also plot circle charts, bar graphs, three-dimensional profiles and precision point plotting.

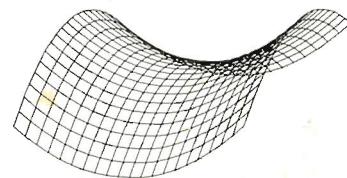
The Plotter can be set to plot full scale, 10 inches high by 15 inches wide, or any smaller dimensions required. Plots made at less than full scale can be positioned on any portion of the plotting surface. In order to assure precision of plotting, the plotting paper is electrostatically held against the plotting surface.

Format and content of the alphanumeric labeling of plots can be calculated and controlled by the Wang calculating system. The -12 has a full alphanumeric character set whose size, format and location can be programmed; any of 15 different sized alphanumeric characters can be plotted under program control. Finished plots can therefore be drawn which are titled, scaled and labeled as required.

The -12 Plotter has an output jack into which can be plugged an output device such as the -01 Output Writer. When operated in a system with the Output Writer, the alphanumeric output can be programmed to be written either on the -12 or the -01. Alphanumeric labeling on the Plotter can therefore be achieved in the same program as conversational mode output is generated on the Output Writer.



## SADDLE POINT



# 12

FLAT BED PLOTTER

# DATA SHEET

## SPECIFICATIONS

Paper Capacity 11 x 16.5 inches  
(27.9 x 41.9 cm)

Plotting Area 10 x 15 inches  
(25.4 x 38.1 cm)

Plot Accuracy  $\pm .2\%$  of full scale  
.01 inch (.025 cm) from  
one point to the next

Linearity  $\pm .1\%$  of full scale

Resetability .1% of full scale

Acceleration (Peak) 1500 in/sec<sup>2</sup> (38.1 m/sec<sup>2</sup>)

Plotting Time 6 in/sec (average) - de-  
pendent on the calculator  
program being executed.

Size: Height 6½ inches (16.5 cm)  
Width 19 inches (48.3 cm)  
Depth 17¼ inches (43.8 cm)  
Weight 35 lb. (15.9 kg)

Power Requirements: 115 or 230 VAC  $\pm 10\%$   
50 or 60 Hz

Connecting Cables: 12 ft. (3.66 m) cable with  
24 pin connector to cal-  
culator output jack.

Output Jack 24 pin output jack.

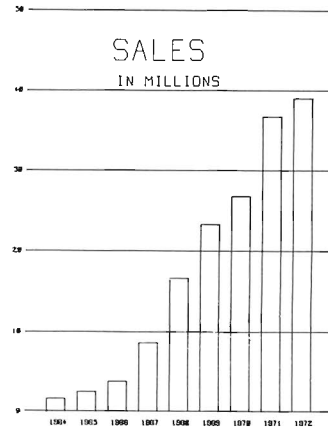
Operating

Environment:

Temperature 50°F - 104°F  
(10°C - 40°C)

Humidity 20% to 80% Relative

Standard warranty applies.



## ORDERING SPECIFICATIONS

A flat-bed plotter with curve plotting capability and full alphanumeric character set printing (plotting) capability when used in conjunction with the calculating system. The plotter must contain the completely compatible interface to the system, and must plot at an average rate of six inches per second with an accuracy of  $\pm .2\%$  of full scale and a linearity of  $\pm .1\%$  of full scale. The plotter must be able to be scaled to any size up to a full scale of 10" high by 15" wide, with any plot smaller than full scale positionable any place on the plotting area. The plotter must be capable of plotting a completely formatted alphanumeric character set, the character size of which can be chosen from 15 different sizes. An output typewriter, plugged into the 24 pin output jack of the plotter must offer capability of printing alphanumeric output of the calculating system on either the plotter or the typewriter.

*Wang Laboratories reserves the right to change specifications without prior notice.*



6601  
SW 8054

**WANG**

LABORATORIES, INC.

836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL. (617) 851-7311, TWX 710 343-6769, TELEX 94-7421

Printed in U.S.A.  
700-0774  
9-72-18M