

## PRODUCT DATA SHEET

The Model 2232B Digital Flatbed Plotter offers superior performance for both large and small plotting applications with the Wang 2200 System. The plotter performs point and straight-line plotting with excellent resolution (especially during non-linear plotting) across a large plotting area. The available plotting surface measures 31 x 48 inches (79 x 122 cm) in size, and plotting accuracy throughout this area is  $\pm 0.01$  inch (0.0254 cm), with an additional cumulative deviation at the rate of  $\pm 0.001$  inch per inch or 0.001 centimeter per centimeter.

The extensive plotting area and accuracy combine to make the Model 2232B a versatile plotter suitable for large-scale plots such as subdivision plans, highway vertical and horizontal plans, large schematics, etc., as well as for smaller-scale plots requiring a high degree of accuracy. (Smaller plots may be positioned anywhere in the plotting area.)

Plotting is controlled with the BASIC language PLOT statement. Although the Model 2232B does not offer alphanumeric character generation as a hardware function, this feature is available as a software function in the Plotter Utility Package. This package also includes generalized plotter routines to simplify plotter control, and a number of special routines which perform commonly used plots such as straight line, circle, coordinate grid, etc. The Utilities Package must be ordered separately.

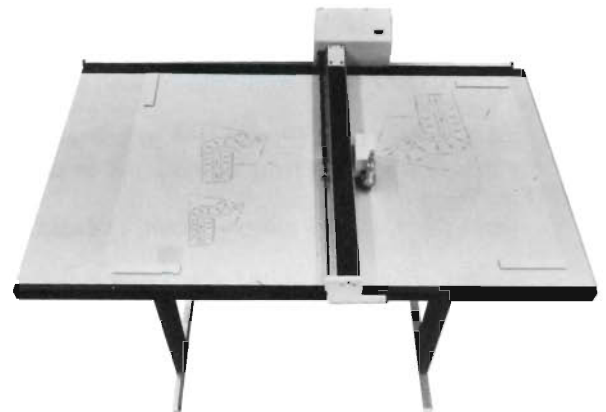
All types of paper may be used with the Model 2232B (the maximum paper size is 36 inches (91.4 cm) by 60 inches (151.1 cm)), as well as three types of pens. The plotter bed can be supported on the optional plotter stand or on a sturdy bench or table.

The Model 2232B is designed to be driven by any Wang system that supports plotting operations.

# 2200

## 2232B DIGITAL FLATBED PLOTTER

- Extensive Plotting Area
- Excellent Plotting Resolution
- Supports Three Types of Pen



Wang Laboratories, Inc.

One Industrial Avenue, Lowell, MA 01851, Tel. (617) 459-5000, TWX 710-343-6769, Telex 94-7421

## SPECIFICATIONS\*

### Paper Capacity

59.5 in. (151.13 cm) x 36 in. (91.44 cm)

### Plotting Area

48 in. (121.92 cm) x 31 in. (78.74 cm)

### Plotting Accuracy and Repeatability

± (0.01 in. plus 0.001 in./in.)

± (0.0254 cm plus 0.001 cm/cm)

### Stepping Increment

0.0025 in. (0.0064 cm) per step

### Stepping Rate

300 to 500 steps/sec

### Plotting Speed

60 in./min (152 cm/min) average; depends on processing time required by controlling program.

### Operating Environment

50° F to 104° F (10° C to 40° C)

30% to 80% relative humidity

### Size of Table

Height ..... 9.5 in. (24.13 cm)

Width ..... 60.25 in. (153.04 cm)

Depth ..... 46 in. (116.84 cm)

### Weight of Table

112 lb (50.08 kg)

### Size of Control Unit

Height ..... 19 in. (48.26 cm)

Width ..... 18 in. (45.72 cm)

Depth ..... 10 in. (25.40 cm)

### Weight of Control Unit

30 lb (13.60 kg)

### Power Requirements

Voltage: 115 VAC or 230 VAC ± 10%

50 or 60 Hz ± 1 cycle

Power: 175 watts

Fuses: 2A @ 115 V

2A @ 230 V

### Cabling

10-ft (3m) cable from control unit to CPU connection.

10-ft (3m) from control unit to plotter arm.

8-ft (2.4m) cord from control unit to power supply.

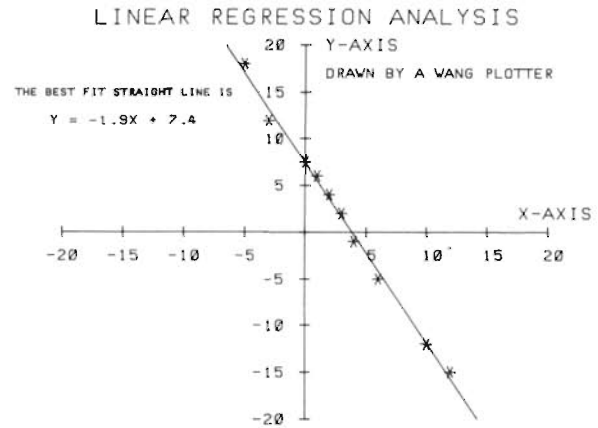
### Pen Type

ball point, MARS plotting point, fiber tip.

\*A metric version of the Digital Flatbed Plotter is designated as Model 2232BM. Physical and operating characteristics of the Model 2232BM are identical to the Model 2232B except that it has a stepping increment of 0.05 mm (200 plotting increments per cm).

## ORDERING SPECIFICATIONS

A Digital Flatbed Plotter compatible with all Wang systems that support plotting operations. The dimensions of the plotting surface must be 48 x 31 inches (122 x 79 cm), and accuracy throughout this area must be ± 0.01 inch (plus 0.001 inch/inch) [ ± 0.025 cm (plus 0.001 cm/cm) ]. A Plotter Utility Package must be available to provide alphanumeric character generation and other plotter control functions. The plotter must have a stepping increment of 0.0025 in. (0.0064 cm) per step and a stepping rate of 300 to 500 steps/sec. The average plotting speed must be 60 in./min (152 cm/min).



(23% of original size)

Standard Warranty Applies

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



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