



LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 851-4111, TWX 710 343-6769, TELEX 94-7421

DATA SHEET

The Model 2271P Plotting Output Writer is a modified Selectric® output writer capable of reliable, cost-effective preparation of presentation-quality documents, plots, and pre-printed forms. It is ideal for most business and scientific applications which require versatile formatting capability and/or typewriter-quality output, for example, producing upper-level management summaries and customer forms.

The Model 2271P prints in both 10-pitch (up to 126 characters-per-line) and 12-pitch formats (up to 151 characters-per-line) utilizing a set of 86 ASCII characters which includes upper and lowercase alphabetic characters, numbers and symbols. Point plots are created in increments of 1/60 inch (0.042 cm). The printer types at the rate of about 15 cps (characters-per-second) and the print element advances at up to 250 step/second when not typing characters. The standard 36-pin printer/plotter controller interface is used to control the Model 2271P. Therefore, this printer can be attached to any 2200 Series CPU (except 2200VS); or other print source such as the 2200 Work Station or 2236 Interactive Terminal.

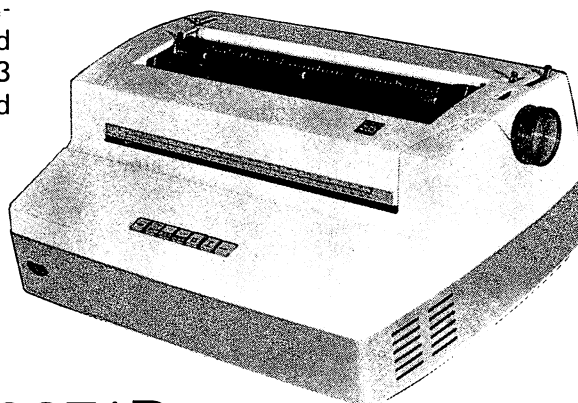
Versatile printing, plotting and form-filling capabilities are provided by the Model 2271P. Standard Wang BASIC language statements and special printer control codes which permit fully programmable horizontal and vertical formatting and other features are used to operate this device. For example, the Model 2271P can print, space, and line-feed in non-standard typewriter increments, as well as move the character print position to any location on a form irrespective of the position and length of previously typed fields. Wang also offers utility routines which enable a user with little or no prior programming experience to utilize the Model 2271P.

A full line character buffer (either 126 or 151 characters depending upon the setting of the pitch selection control) allows temporary deselection of the printer without loss of data (while changing paper or ribbons, etc.) as well as overlapped CPU and printer operation accelerating throughput. The printer's bidirectional incremental stepping motor reduces carriage return and inter-field spacing time, significantly decreasing overall printing time without loss in print quality. Other features of the printer include changeable type styles, a programmable audio alarm, a ribbon out indicator and switches for manual print element and platen motion.

Discrete or continuous fan-fold paper up to 13 1/8 inch (33.3 cm) wide can be used in the Model 2271P. Additionally, for increased alignment accuracy during platen reversals and multiple form usage, the printer is available with an optional friction-feed/pin-feed platen which has sprocket pins located 13 1/8 inch (33.3 cm) apart horizontally and 1/2 inch (1.3 cm) vertically.

CHARACTER SET

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 []@#%&*()_+
"':?.,!;'/



MODEL 2271P PLOTING OUTPUT WRITER

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SPECIFICATIONS

Printer Dimensions:

Height 8 3/4 in. (22.2 cm)
Depth 15 5/8 in. (39.7 cm)
Width 22 in. (55.9 cm)

Approximate Net Weight:

51 Lb (23.2 kg)

Stepping Rate: (incrementing only)

250 steps/sec. approx. (X or Y axis)

Stepping Increment:

1/60 in. (0.0423 cm) per step (X or Y axis)

Plotting Time:

15 characters/sec. (approx.)

Accuracy:

± 1/60 in. plus 0.003 in./in. (± 0.0423 cm plus 0.003 cm/cm)

Character Element:

10-pitch or 12-pitch

Printing Density:

Approx. 6 lines/in. (0.167 in./line) (0.423 cm/line) in PRINT mode; 1/60 in. X and Y directions in PLOT mode.

Character Set:

Full Alphanumeric (86 characters, ASCII)

Buffer Length (Maximum characters/line):

151 characters (12-pitch)
126 characters (10-pitch)
126 or 151 characters (plotting)

Switches/Controls/Indicators:

ON/OFF, SELECT, PITCH, TOP OF FORM, LINE FEED, AUDIO ALARM, RIBBON OUT, PRINT IMPACT, SET HOME, HOME, MANUAL ELEMENT MOTION, INCREMENTAL/CHARACTER SPACING, FORM THICKNESS

Programmable Functions:

Set Left Margin	Set Line Feed
Audio Alarm	Shift Up
Backspace	Shift Down
TAB	Clear TAB
Line Feed	Set TAB
Vertical Tab	Underline
Top of Form	Delete
Carriage Return	Move Print Element
Set Home	Initialize (reset)
	Reverse Index

Paper:

13 1/8 in. (33.3 cm) maximum width, continuous or discrete

Up to four copies plus original can be printed.

Platen:

Friction-feed platen standard
Pin-feed platen has a horizontal pin-to-pin distance

of 13 1/8 in. (33.3 cm) and 1/2 in. (1.3 cm) between pins (OP-120).

Cable:

8 ft. (2.4 m) to controller board
8 ft. (2.4 m) to power source

Controller:

Standard 36 pin Printer/Plotter interface

Power Requirements:

115 or 230 VAC ± 10%
50 or 60 Hz ± 1 Hz
125 watts

Fuses:

3.0A (SB) for 115 VAC
1.5A (SB) for 230 VAC

Operating Environment:

50° to 90° F (10° to 32°C)
20% to 80% relative humidity, non-condensing allowable
35% to 65% recommended

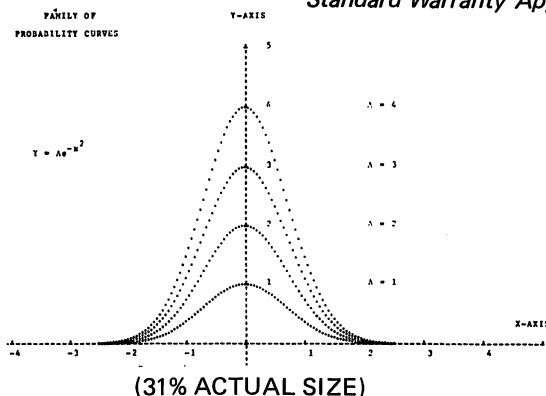
Duty Cycle:

Light-to-average, actual printing time — 2 hours/day

ORDERING SPECIFICATIONS

A bidirectional plotting writer which provides fully formatted digital plotting capability as well as alphanumeric printing capability to the system 2200. Must be capable of plotting multiple curves on the same set of axes using a different symbol to plot each curve in one, two, or four quadrants using either rectangular or polar coordinates. A full 86 character ASCII alphanumeric character set in 10- or 12-pitch with complete formatting instructions must be available to type titles, labels or other messages at the rate of 15 characters-per-second. All operations must be programmable such that they can be performed on the plotting typewriter under program control.

Standard Warranty Applies



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

WANG

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Printed in U.S.A.
700-4366A
1-78-10M