

DIGITAL PRINTER SERIES 1200

- 12 columns (or less)
- 20 lines per second
- numeric
- all solid state; modular construction
- accepts 8421, 4221, or 2421 codes, without the need for electrical changes



Franklin Series 1200 Digital Printers are high-speed, parallel-entry recorders with a 12-column capacity. The printer mechanism is built around a monolithic, main-body casting, resulting in high mechanical stability and low maintenance.

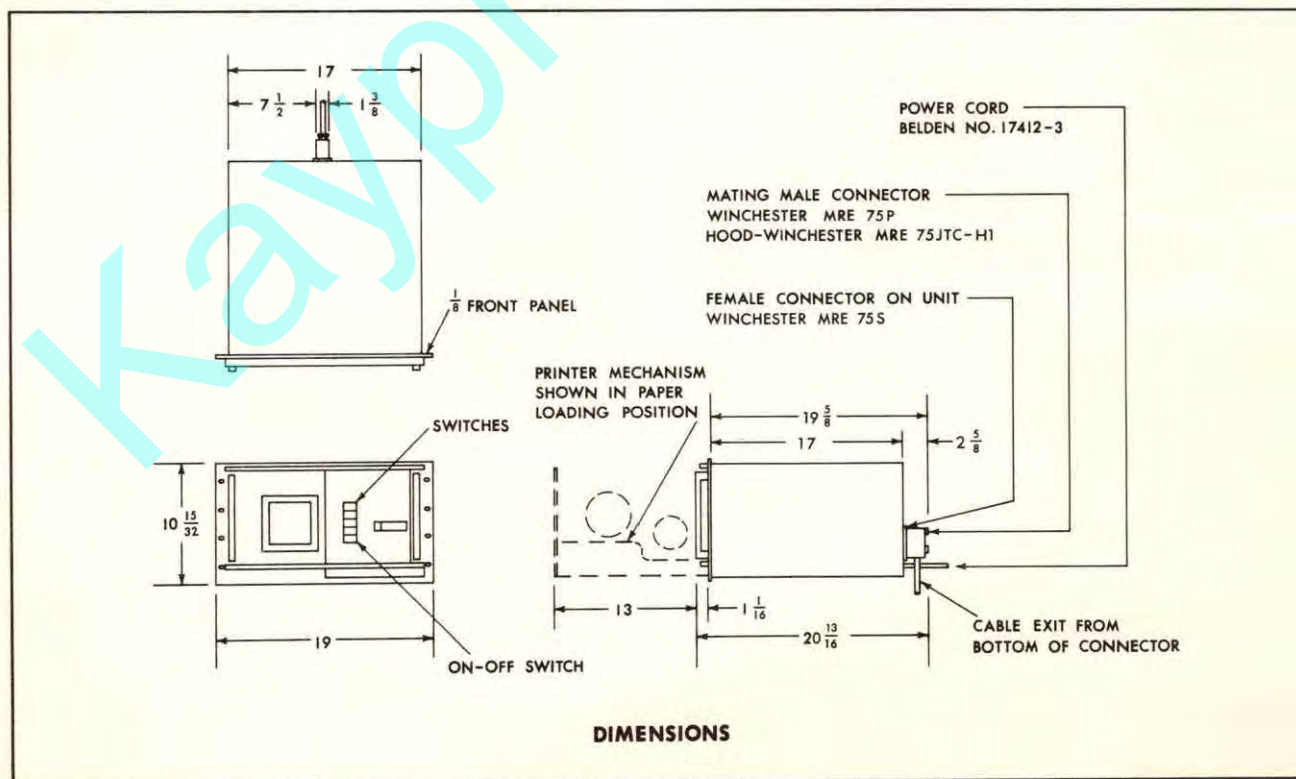
The print drum on Series 1200 Printers has three indexed positions. By setting the print drum at any one of the three positions, either 8421, 4221, or 2421 binary codes can be accepted, without the need for making electrical changes.

Under typical operating conditions, maintenance is limited to (1) periodic removal of any accumulated dust or lint, (2) cleaning the reusable air filter and (3) applying two or three drops of machine oil to the drum motor bearings yearly.

Paper loading is accomplished easily in all Franklin Printers. The printer mechanism pulls forward on full-suspension, ball-bearing glide rails. The print drum is cantilever mounted so that paper can be slipped into position without the need for threading. Paper may be roll or folded.

The printer is supplied ready for operation as illustrated. It includes all electronics, integral power supply module, handsome cabinet for table or rack mounting, line cord, inked ribbon, and a roll of paper. There are no extra charges for any of these items.

Representative pricing information and specifications are listed on the back of this sheet. Please consult factory for quantity and special discounts.



SPECIFICATIONS / SERIES 1200 DIGITAL PRINTERS

PRINTING RATE

Decimal Printer:

20 lines per second (Print Drum Type 6B-16.)

Note: Lower speeds are available.

NUMBER OF COLUMNS

12 columns. Columns not desired can be eliminated, thus reducing printer cost. Columns need not be adjacent.

COLUMN AND LINE SPACING

10 columns per inch; 6 lines per inch.

PAPER STOCK

21/4" wide x 200' long. Printer accepts either roll or folded stock.

RIBBON

Silk, inked ribbon traverses printing area at a constant rate. Automatic reversal.

PRINTABLE CHARACTERS (DRUM TYPE DESCRIPTIONS)

Note: Character position and sequence is the same in each column.

6B-12 Print Drum: 16 columns of characters. With 8421 BCD input code, all columns have 16 characters available for printing 0 through 9, —, ~, Ω, +, *, *. With 4221 or 2421 code, 12 characters are available for printing: 0 through 9, —, and *.

CYCLE (PRINT TIME) AT 600 RPM DRUM SPEED

6B-12 Print Drum (20 lines per second): Prints 10 decimal digits in 17 milliseconds; provides 33 milliseconds idle time for data acquisition.

DATA INPUT CODES

BCD 8421 standard. Also operates on 4221 or 2421 codes by merely changing print-drum indexing. See "Printable Characters" specification.

BCD LOGIC LEVELS

BINARY NUMBER	STANDARD	SPECIALS (OPTIONAL EXTRA)			
LOGIC 0	0 V	+6 to +15 V	0 V	—6 to —30 V	
LOGIC 1	—6 to —30 V	0 V	+6 to +15 V	0 V	

ZERO SUPPRESSION

Non-print of zeroes in non-significant positions. (Optional extra.)

INPUT CONTROL SIGNAL PROVISIONS

Print on positive-going pulse (—12 V to 0 V).
Print on negative-going pulse (0 V to —12 V).
Print once (Contact closure to ground).
Inhibit print (—12 V).

OUTPUT CONTROL SIGNAL PROVISIONS

Printer recording; hold data (0 V to —12 V or —12 V to 0 V).

Printout complete; gather new data (0 V to —12 V or —12 V to 0 V).

CIRCUITRY

All solid state. Modular.

POWER REQUIREMENTS

105-125 V, 60 cps standard; 4 A max. for 12 columns.

MOUNTING

Standard 19" rack, with a depth of at least 19 5/8" (or table mounting.)

SIZE AND WEIGHT

10 1/2" H x 19" W x 19 5/8" D. 104 lbs.

FINISH

Gray crackle with satin finish aluminum handles and trim.

WARRANTY

50 million lines or one year, whichever occurs first.

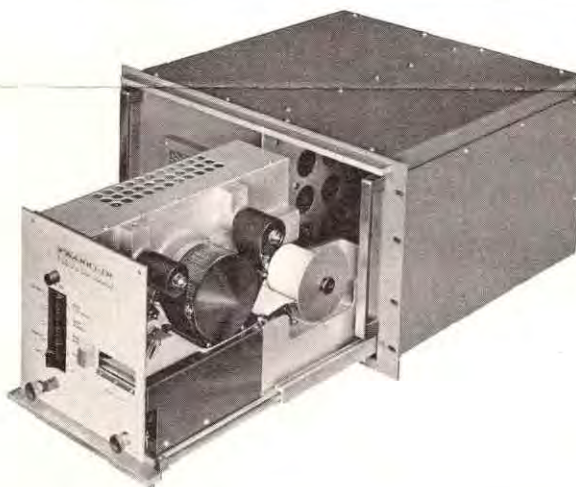
REPRESENTATIVE PRICE SCHEDULE

Consult factory for special and quantity discounts

†BASIC MODEL NO.	MAXIMUM NO. OF COLUMNS	PRINT RATE IN LINES PER SEC.	PRINTABLE CHARACTERS (SEE SPECS)	UNIT PRICE	
				BASIC PRINTER	ADD PER COLUMN
1220D	12	20	NUMERIC	\$1050	\$75

†Other models and specials are available.

Printer shown with mechanism pulled forward on full-suspension glide rails. Note that the complete mechanism is accessible for inspection, paper loading, and other operating procedures.



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