



# Printing Solutions

## 1200 Series Dot Matrix MiniPrinters

- ◆ **Versatile**
- ◆ **Reliable**
- ◆ **Small foot print**

The 1200 Series Dot Matrix MiniPrinters can replace bulky expensive printers where 80 column capacity is unnecessary.

These small printers prove their value daily

- ◆ Working inventory control in combination with bar code scanners.
- ◆ Documenting data received from auto diagnostic equipment.
- ◆ Serving as remote message printers or peripheral equipment for scale applications.
- ◆ Documenting medical and dental procedures.
- ◆ Logging data from testing procedures in laboratories and manufacturing.
- ◆ Generating reports and/or receipts for mobile service applications.



# 1200 Series — Dot Matrix MiniPrinters

## Features & Benefits

- Capable of printing: double width, double height, inverted print, reverse print; 144 dots per line.  
Graphic character sets (1220 only)
- Inhibits interline space
- Selectable 24, 32, 40 characters per line
- 1.5K Buffer
- Standard 2¼ adding machine, single ply paper

## Specifications

**1220 / 1250: RS232C; -9 volts to +9 volts**

**1221 / 1251: Parallel; 0 volts to +5 volts**

**1222 / 1252: TTL Serial; 0 volts to +5 volts**

**1223: 20 mA current loop**

**1224 / 1254: RS-485; 200mV differential**

**Interface information, available BAUD rates:**

300, 600, 1200, 2400, 4800, 9600, 19200

**Character format:**

**ASCII character set**— 10 bits per character required,  
7 or 8 of which are data bits

**Bit mapped graphics** - 10 bits per character required, 8  
of which are data bits

**Protocol:** Busy signal-Clear to Send (CTS), XON-XOFF

**Buffer capacity:**

The printer stores 1500 characters while printing  
to free up the host or sending device. 8K buffer  
option stores 9500 characters. Full column width character  
buffering is provided for line character  
buffer. When data exceeds the line capacity, it automati-  
cally wraps around.

**Print method:** Impact dot matrix

**Character matrix:** 1220 — 5 x 5, 5 x 8

1250 — 5 x 5, 5 x 7, 5 x 8

**Character spacing:**

24 column: 12.8 characters/inch

32 column: 17 characters/inch

40 column: 21 characters/inch

**Line feed spacing:**

1220 — 7.6 lines per inch, character mode

9.1 lines per inch, graphic mode

1250 — 6.9 lines per inch

**Print Speed:**

1220 — 38 lines per minute (24-column)

60 lines per minute when configured for  
fast print (5x5 character matrix)

1250 — 130 lines /minute (24 column)

110 lines /minute (32 and 40 column)

## Options

Factory configuration of standard features

- Additional 8K buffer
- Paper out sensor
- Time & Date
- DC power modification
- RS-232 cable
- Enclosure for small paper roll
- 230 VAC/50Hz operation
- Panel mount
- Optional colors
- Private labeling
- Printer battery pack (1220 series only)

**Customization**  
*We welcome inquiries  
to suit your special  
requirements.*

**Paper Size:**

Large roll — 2.25"W x 2.75"D; 0.44" I.D. (standard)

Small roll — 2.25"W x 1.25"D; 0.44" I.D. (optional)

**Paper Capacity:**

Large roll — 12,500 lines

Small roll — 3,000 lines

**Power:**

1220 — 1 Watt (idle), 10 Watts (printing)

1250 — 1.5 watts (idle), 15 watts max (printing)

**AC voltage:**

9 VAC (120 VAC step-down converter included)

Multi-national converters optional

**DC voltage:**

1220 — 9- 12 VDC, 100 mA idle;

1.5A average, 2.9A peak with 100% column printing

1250 — 9- 12 VDC, 140 mA idle; 1 A average, 5.5A peak

with 100% column printing

**External dimensions:**

1220 — 4"W x 4.5"L x 2.16"H

1250 — 4.5"W x 5"L x 2.2"H

**Operating temperature:** 41°F - 104°F (5°C - 40°C)

**Printhead life:**

1220 — 500,000 lines MCBF

1250 — 1,500,000 lines MCBF

**Ribbon life:**

Black—200,000 characters

Purple—250,000 characters



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