

**PRODIGY Max™**by **DATAMAX** THERMAL TRANSFER PRINTER**PRINTER TYPE**

Direct Thermal,  
Optional Thermal Transfer

**PRINT SPEED**

2" - 10" per second (51mm - 254mm); up to 8" (203mm) per second with optional 300 dpi

**RESOLUTION**

203 dpi (8 dots/mm)  
Optional 300 dpi (12 dots/mm)

**BAR CODE MODULES**

5 mil to 110 mil "X" dimension in picket fence or ladder orientations; optional 300 dpi from 3.3 mil to 80 mil "X" dimension

**MAXIMUM PRINT WIDTH**

4.1" (104mm)

**MEDIA WIDTH**

.75" - 4.65" (19mm - 118mm)

**PRINT LENGTH**

.25" - 12" (6mm - 305mm) with standard RAM. May be increased by adding optional memory expansion. .75" (19mm) minimum print length with optional present sensor.

**MEDIA WINDOW**

Clear side door panel to easily monitor media supply levels

**MEDIA TYPE**

Roll-fed, or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock

**MEDIA THICKNESS**

.0025" - .0100" (.0635mm - .254mm)

**MEDIA SENSING**

"See through" for liner-backed die-cut labels and tags; left bias reflective sensor for media with black stripe sensing

**SUPPLY ROLL**

8" (203mm) maximum diameter on 3" (76mm) core. Fan-fold stock accepted from rear of printer

**LABEL BACKFEED**

For use with optional cutter or internal rewind using peel-off mode in on-demand applications

**RIBBONS**

Industry standard ribbon cores: 25mm, 38mm, 51mm, 64mm, 76mm, 89mm, 102mm, 110mm, 114mm in width; up to 1478' (450M) in length

**CABINET**

Cabinetry of all-metal construction

**BAR CODES**

Code 39, Interleaved 2 of 5, Code 128 (subsets A, B and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC 2 & 5 digit addendums, EAN-8, EAN-13, EAN 2 & 5 digit addendums, UPC random weight, Code 93, Plessey, Universal Shipping Container Symbology, UCC/EAN Code 128, Postnet, PDF417, Code 128 MOD 43, UPS MaxiCode, FIM, Telepen, Interleaved 2 of 5 MOD 10, HIBC and DataMatrix

**RESIDENT FONTS**

Nine alphanumeric fonts from .035" (.89mm) to .64" (16mm) and OCR-A, OCR-B, CG Triumvirate™ from AGFA® in both portrait and landscape orientations (from 6 point to 48 point); CG Triumvirate Bold Condensed, scalable

**CHARACTER SET**

Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries

**FONT EXPANSION / ROTATION**

All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180° and 270°

**GRAPHICS SUPPORT**

.PCX, .BMP and .IMG files

**TIME AND DATE**

Standard

**HOURS OF USE/INCHES PRINTED**

Two counters; one absolute, one resettable

**REVERSE FIELDS / MIRROR IMAGE**

Any font or graphic field can be printed as a normal or reverse image

**MEMORY MODULE SLOT**

One side panel slot holds optional FLASH or RAM modules

**BUILT IN EPROM**

1MB with 203 dpi, 2MB with 300 dpi

**BUILT IN DRAM**

512KB with 203 dpi, 1MB with 300 dpi (addressable RAM available for application software; amount dependent on label length)

**INTERFACES**

RS-232, RS-422 at 300 to 19,200 BPS; XON/XOFF, CTS/DTR

**POWER SOURCE**

115, 230 VAC 50/60Hz

**OPERATING TEMPERATURE**

40°F to 105°F (4°C to 40°C)

**DIMENSIONS**

11.38" (289mm)H x 10" (254mm)W x 18.25" (463mm)D

**WEIGHT**

42lbs (19kg)

**OPTIONS****THERMAL TRANSFER**

Factory installed

**300 DPI PRINTHEAD**

300 dpi (12 dots/mm), 4.16" (105mm) print width (factory installed)

**CUTTER**

Maximum Thickness .010" (.254mm)

**PASSPORT**

Portable keyboard/display terminal provides interface for stand-alone printing

**PRESENT SENSOR**

Used for on-demand label dispensing

**INTERNAL REWIND**

5" (127mm) OD capacity; label backing rewound in peel and present mode, and label liner rewound in batch mode (factory installed)

**FRONT REWIND**

8" (203mm) maximum outside diameter capacity (full supply roll)

**FRONT PANEL KEYPAD / LCD**

Six keys provided behind the left front panel; 2 rows by 16 character LCD (factory installed)

**RIBBON SAVER**

Eliminates ribbon waste when feeding past non-printing areas (factory installed)

**FLASH CARTRIDGES**

Used for permanent storage of custom fonts, formats and graphics

**MEMORY EXPANSION**

On board memory DRAM expansion of up to 4MB for expanded print length, addressable on-board memory and scalable font character cache

**WINDOWS® DRIVER**

Used for creating label formats using virtually any windows-based program

**PARALLEL ADAPTER**

Converts Centronics® parallel type data to RS-232

**TWINAX / COAX CONNECTIVITY**

Supports printing from IBM® PC midrange or mainframe computers (factory installed)

**HIGH SPEED INTERFACE**

IEEE parallel interface plus serial I/F up to 56KB BPS

**ON-LINE VERIFICATION**

External verification option

**AGENCY LISTINGS**

Built to UL, CSA and TUV-GS safety standards and VDE Class B, FCC Class A emissions standard and CE Mark

**ILPC FIRMWARE**

International Language Print Capabilities firmware allows printing of non-English character sets in over 40 languages

**NETWORK CONNECTIVITY**

Micro Print Server allows multiple users on various platforms to share the same printer.

**Hosts Supported:**

- Novell Netware
- UNIX
- Windows NT
- LAN Manager
- DEC

**Protocols Supported:**

- IPX
- TCP/IP
- LAT
- NetBIOS/NetBEUI



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