

SPECIFICATIONS

DMX 800

DATAMAX THERMAL TRANSFER PRINTER

PRINTER TYPE

Direct Thermal, Thermal Transfer

PRINT SPEED2" - 5" per second
(51mm to 127mm)**RESOLUTION**

300 dpi (12 dots/mm)

BAR CODE MODULUS

3.3 mil to 80 mil "X" dimension in picket fence or ladder orientations

PRINT WIDTH

8.5" (216mm)

MEDIA WIDTH

3" - 9" (76mm - 229mm)

PRINT LENGTH

0.5" - 8" (13mm - 203mm) with standard RAM. May be increased by adding optional memory expansion. 1" (25mm) 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

LCD DISPLAY

Three keys visible at all times for operator: PAUSE, FEED and CANCEL; six keys provided behind the left front panel; three LEDs visible at all times: POWER, RIBBON/MEDIA and PAUSE

LABEL BACKFEED

For use with tear bar and optional cutter

RIBBONS

Industry standard ribbon cores: 25mm, 38mm, 51mm, 74mm, 76mm, 89mm, 110mm up to 216mm; 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, MSI Plessey, Universal Shipping Container Symbolology, Code 128 MOD43, Postnet, UCC/EAN Code 128 random weight, Telepen, UPS Maxicode, PDF417, FIM, Interleaved 2 of 5 MOD 10 and HIBC

RESIDENT FONTS

Nine alphanumeric fonts from .035" (.89mm) to 1" (25mm) and OCR-A, OCR-B, CG Titumvirate™ from AGFA™ in both portrait and landscape orientations (12 sizes from 4 to

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

LINEAR INCH COLLATER

Standard

TIME AND DATE

Standard

HOURS OF USE/INCHES PRINTED

Standard

TEAR BAR

Standard

REVERSE FIELDS/MIRROR IMAGE

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

MEMORY MODULE SLOT

Two PCMCIA Type II styled 32-bit cartridges; cartridges are accessed from inside the stock door

BUILT-IN EPROM

2MB; expandable to 4MB

INTERNAL BATCH

Stand-alone label creation capability for Wyse 50 or compatible type terminals

BUILT-IN DRAM

1MB; addressable on board memory expandable by 1MB, 4MB or 16MB

BUILT-IN NVRAM

128KB on board non-volatile SRAM

INTERFACES

Two RS-232C and RS-422 ports at 300 to 19,200 BPS; RS-422; IBM PC/AT compatible bi-directional parallel port

EXTERNAL I/O

25 Pin D connector which provides 8 TTL INPUTS with 22K pull-up resistors and 8 Open Collector TTL OUTPUTS, fully programmable from either the HOST (serial port) or via the front panel to provide general I/O control signals, print and apply support and other external device support; various power signals also present (+5VDC, +24VDC, etc.)

INTERFACE PORT

RS-232C serial port interfaces to PDT or other data entry device; connection is made through RJ11 connector located on the front panel

POWER SOURCE

115, 230 VAC 50/60Hz autoranging, switching power supply

OPERATING TEMPERATURE

40°F to 100°F (4°C to 38°C)

DIMENSIONS

15" (379mm) H x 15" (379mm) W x 18" (462mm) D

WEIGHT**OPTIONS****HEAVY-DUTY CUTTER**

Maximum Thickness .010" (.25mm)

HEAVY-DUTY CUTTER TRAY

Used for collecting cut labels, tags and tickets

PEEL & PRESENT

Peels printer labels away from liner and rewinds label backing internally

PRESENT SENSOR

Used for on-demand label dispensing

INTERNAL REWIND

Capacity of 8.25" (210mm) roll of label and label backing standard, rewind spindle accepts standard core of 1.5" (38mm); adaptor (sold separately) allows spindle to accept a standard 3" (76mm) core (factory installed)

PC-BATCH™ SOFTWARE

Label creation software package for IBM® PC or compatibles

RIBBON SAVER

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

FLASH CARTRIDGES

1MB or 4MB used for permanent storage of custom fonts, formats and graphics

MEMORY EXPANSION

On board memory DRAM expansion of either 1MB, 4MB or 16MB for expanded print length, addressable on-board memory and scalable font character cache

TWINAX/COAX DEVICE CONNECTIVITY

Supports printing from IBM midrange and mainframe computers

ILPC FIRMWARE

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

KANJI KIT

Supports printing of a variety of Japanese (Kanji) typefaces

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

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DMX 800

D A T A M A X T H E R M A L T R A N S F E R P R I N T E R



The steel-cased DMX 800 is a high performance thermal transfer printer for industrial, commercial and other applications which require extra-wide labels. A 32-bit RISC processor delivers fast through-put even when printing 8.5 inch wide labels at 300 dpi resolution. Loaded with standard features including built-in label design software, 128KB NVRAM for permanent storage of fonts, graphics and formats, a clear media window, a font/memory card interface, one parallel and two serial ports, full front panel programming, a back-lit LCD display and easy ribbon and label loading, the rugged DMX 800 provides unmatched performance and flexibility.

The *DMX 800* Features:

- High performance thermal printing for industrial and commercial high volume applications
- 8.5" print width and 5 ips print speed provide high speed wide format label printing
- High resolution 300 dpi printhead for small text and bar code printing
- Rugged, industrial design features steel chassis and metal cabinetry to ensure reliable operation in harsh environments
- Options include: Peel and present mechanism, cutter, full roll internal rewind, ribbon saver, twinax/coax connectivity, and FLASH memory modules.

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