

Ovation[®] 2

by DATAMAX THERMAL TRANSFER PRINTER

PRINTER TYPE

Direct Thermal,
Optional Thermal Transfer

PRINT SPEED

1", 1.5" and 2" per second
(25mm, 38mm, and 51mm)

RESOLUTION

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

BAR CODE MODULUS

5 mil to 110 mil "X" dimension in picket
fence or ladder orientations

PRINT WIDTH

1" - 4.16" (25mm - 105mm)

MEDIA WIDTH

1" - 4.65" (25mm - 118mm)

PRINT LENGTH

0.375" - 12" (10mm - 305mm) with
standard RAM. May be increased by
adding optional memory expansion. .5"
(13mm) minimum print length with
optional present sensor

MEDIA TYPE

Roll-fed or fan-fold materials, die-cut or
continuous labels; perforated or contin-
uous 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

4" (102mm) maximum diameter on 1"
(25mm) core. Fan-fold stock accepted
from rear of printer

RIBBONS

Industry standard ribbon widths; .5"
(13mm) ribbon core; 361" (110M) in
length

CABINET

Cabinetry of lightweight plastic
construction

BAR CODES

Code 39 (used to produce industry stan-
dards such as AIAG, HIBC LOGMARS,
etc.), Interleaved 2 of 5, Code 128 (sub-
sets A, B and C), Codabar, UPC-A,
UPC-E, UPC 2 & 5 digit addendums,
EAN-8, EAN-13, Code 93, UCC/EAN
Code 128, Postnet, PDF417, Code 128
MOD 43 and UPS MaxiCode

RESIDENT FONTS

Nine alphanumeric fonts from .08"
(2mm) to .25" (6mm) and OCR-A,
OCR-B, CG Triumvirate™ from
AGFA® in both portrait and landscape
orientations (from 6 point to 18 point)

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 8x; fonts and
graphics can be printed in four
directions: 0°, 90°, 180° and 270°

GRAPHICS SUPPORT

.PCX, .BMP and .IMG files

WINDOWS® DRIVER

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

REVERSE FIELDS/MIRROR IMAGE

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

CARTRIDGE SLOT

One FLASH module cartridge slot

BUILT-IN EPROM

512K

BUILT-IN DRAM

512K; optional internal upgrade to 2MB

INTERFACES

Centronics® parallel port, RS232
serial port at 1,200 to 19,200 BPS;
XON/XOFF, CTS/DTR

POWER SOURCE

115 or 230 VAC IN/19 VAC OUT

OPERATING TEMPERATURE

40° F to 100° F (4° C to 38° C)

DIMENSIONS

6.2" (158mm)H x 8.8" (224mm)W x
10.1" (257mm)D

WEIGHT

Printer weight: 7 lbs (3.18kg)
Shipping weight: 14 lbs (6.36kg)

OPTIONS

THERMAL TRANSFER

Factory or field installed

300 DPI PRINthead

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

PASSPORT

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

STANDARD CUTTER

Maximum thickness .007" (.1778mm)

LIGHT DUTY CUTTER

Maximum thickness .004" (.102mm)

PRESENT SENSOR

Used for on-demand label dispensing

PC-BATCH™ SOFTWARE

Label creation software package for
IBM® PC or compatibles

FLASH CARTRIDGES

Used for permanent storage of custom
fonts, formats and graphics

MEMORY EXPANSION

On board memory DRAM expansion of
1.5MB for expanded print length, address-
able onboard memory and scalable font
character cache

TIME AND DATE

Real-time clock calendar that provides
hours of use/inches printed, and time and
date

WALL MOUNT KIT

Enables printer to hang vertically

EXTERNAL MEDIA SUPPLY STAND

Accommodates standard 8" (203mm)
maximum outside diameter media supply
roll

BATTERY PACK

External battery pack for stand-alone
operation

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

ILPC FIRMWARE

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

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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DEMAND DATAMAX

Totalcomp Scales & Components

13-01 Pollitt Drive Fair Lawn NJ 07410
800-631-0347 201-797-2718
Fax 888-797-2288 201-797-2287

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