







THE WIDE-WEB THERMAL SOLUTIONS



M10e Series Printers

The M10e wide web thermal industrial printers are ideal for a range of applications, including:

-  **Chemical Labeling**
-  **Automotive Labeling**
-  **Paper/Pulp Labeling**
-  **ODETTE Labeling**
-  **Shipping & Receiving**
-  **Multiple-Up Labels**

Wide-Web Industrial Printers

The M10e's are designed to handle media widths of 11.8" and print widths of 10.5" in direct thermal or thermal transfer modes. A sophisticated system of sensors and media guides assures proper media registration and simplifies paper loading.

Thermal Transfer Wrinkle-Free Operation

M10e printers utilize a revolutionary anti-wrinkle ribbon mechanism, which assures trouble-free operation in most thermal transfer operations, increases printer reliability, performance, ease of use, and greatly reduces down time and user intervention especially in mission critical applications.

Print Technology Replacement and Connectivity

The M10e finally brings benefits of thermal printing technology to markets and applications historically dependent on inferior print technologies such as impact, ink-jet, and laser. Thermal technology offers an array of benefits making the M10e an ideal candidate for applications involving print technology replacement. A large selection of user configurable Plug-In Interface Modules (incl. 10/100 Ethernet, and wireless 802.11g Wi-Fi) simplifies connectivity.

Performs best with
Techno
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	M10e
Printing Method	Thermal Transfer/Direct Thermal or Direct Thermal Only
Print Resolution	305 dpi (12 dots/mm)
Print Speed	5 ips (127 mm/s)
Media Width	5.16" (131 mm) - 11.8" (300 mm)
Max. Print Width	10.5" (266 mm)
Max. Print Length	16.5" (420 mm)
Media Length	1.7" (43 mm) - 19.7" (500 mm)
Max. Ribbon Size	10.7" (273 mm) W x 984' (300 m) L - Face-In Max. 11" (279 mm) ribbon core
Dimensions	18.7" W x 12.3" D x 12.6" H (475 mm W x 313 mm D x 319 mm H)
Weight	50.7 lbs (23 kg)

Memory:

16 MB Standard RAM
6 MB Flash (4 MB available to download forms and fonts)
1 MB or 256k PCMCIA - Optional

Processor:

32-BIT RISC

Media:

Fan-fold (standard) or roll-fed (with optional unwinder), die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mark, gap, or notch.

Max. Thickness 0.008" (0.20 mm)
Max. Roll Diameter: 8.6" (220 mm) with optional unwinder
Wind: Face-In

Sensing:

Adjustable transmissive sensor for gap. Reflective sensor for black mark. Automatic, programmable setting of top of form. Label present sensor - optional with label dispenser. Ribbon-out / low Sensor, Head Up, Paper Out, Cutter Open Automatic media loading and top of form synchronization

Plug-In Interface Modules:

- Serial - RS232 (up to 57.6k bps)
- Parallel - IEEE1284 (ECP)
- Ethernet - 10/100BaseT
- Wireless 802.11g
- Twinax/Coax Adapter
- RS422/485
- USB Adapter

Barcode Symbologies:

Elementary: UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128, RSS, Composite
2-Dimensional: PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code

Fonts:

Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Scalable Internal CG Triumvirate® & CG Times® fonts. Optional Downloaded TrueType® fonts, scalable from 8 to 72 points.

Barcode & Font Formatting:

360° rotation of barcodes and text, character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

Graphic Support:

Printing & storage of .PCX, .BMP format, SATO Hex/binary
Page Mode, Line Print Mode, and Reverse Image

Software:

Windows® Drivers (Windows® 2000, XP, 2003 or Vista)
"Label Gallery Free" - Label Software
Printer Utilities

Electrical Requirements:

115V/220V (± 10%), 50/60 Hz (± 1%)
Agency Certifications: CE, UL, CSA, TÜV

Environmental Requirements:

Operating: 41° to 104°F (5° to 40°C)
15-85% RH, non-condensing
Storage: 23° to 140°F (-5° to 60°C)
Max. 90% RH, non-condensing
EDS: 8kV

Optional Features:

Memory Expansion, Label Cutter, Real Time Clock, Media Unwind, Media Stacker, Interface Plug-In Modules, Label Gallery Software



Unwinder



Plug-In Interface Modules



Software



Stacker