









# 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  
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THE STANDARD FOR  
RELIABLE BARCODE PRINTING

# SPECIFICATIONS



|                          | M10e   |
|--------------------------|--|
| <b>Printing Method</b>   | Thermal Transfer/Direct Thermal or Direct Thermal Only                       |
| <b>Print Resolution</b>  | 305 dpi (12 dots/mm)   |
| <b>Print Speed</b>       | 5 ips (127 mm/s)   |
| <b>Media Width</b>       | 5.16" (131 mm) - 11.8" (300 mm)  |
| <b>Max. Print Width</b>  | 10.5" (266 mm)   |
| <b>Max. Print Length</b> | 16.5" (420 mm)   |
| <b>Media Length</b>      | 1.7" (43 mm) - 16.6" (422 mm)  |
| <b>Max. Ribbon Size</b>  | 10.7" (273 mm) W x 984' (300 m) L - Face-In<br>Max. 11" (279 mm) ribbon core |
| <b>Dimensions</b>        | 18.7" W x 12.3" D x 12.6" H<br>(475 mm W x 313 mm D x 319 mm H)              |
| <b>Weight</b>            | 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:

Roll-fed or fan-fold, 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)

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® 95, 98, ME, NT4.0, 2000, XP)  
"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 Rewind, Media Unwind, Media Stacker, Interface Plug-In Modules, Label Gallery Software



Unwinder



Plug-In Interface  
Modules



Software



Stacker

**SATO**  
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