SATO
DCS & Labeling Worldwide

The Wide-Web Thermal Solutions

M10e Series Printers

The M10*e* 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 M10*e*'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

M10*e* 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 M10*e* 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 M10*e* 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.

GS1 GLOBAL SOLUTION PROVIDER

Performs best with Techno THERM® Labels & Ribbons

SPECIFICATIONS

	M10e
Printing Method	Thermal Transfer/Direct Thermal
Print Resolution	305 dpi (12 dots/mm)
Print Speed	5 ips (127 mm/s)
Media Width	5.16" (131 mm) - 11.8" (300 mm)
Media Length	1.7" (43 mm) - 19.7" (500 mm)
Max. Print Width	10.5" (266 mm) W x 16.5" (420 mm) L
Dimensions	18.7" W x 12.3" D x 12.6" H (475 mm W x 313 mm D x 319 mm H)
Weight	25 lbs. (11.34 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. 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

Barcode Symbologies:
Linear: 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™, GS1-128, GS1-DataBar™
2-Dimensional: PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology

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, Vista and Windows 7)
- Label Software *(Label Gallery Free)*
- Printer Utilities

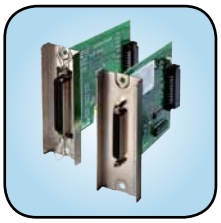
Electrical Requirements:
115V/220V (± 10%), 50/60 Hz (± 1%)
- Auto Switching
Agency Certifications: CE, UL, CSA, TÜV

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

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