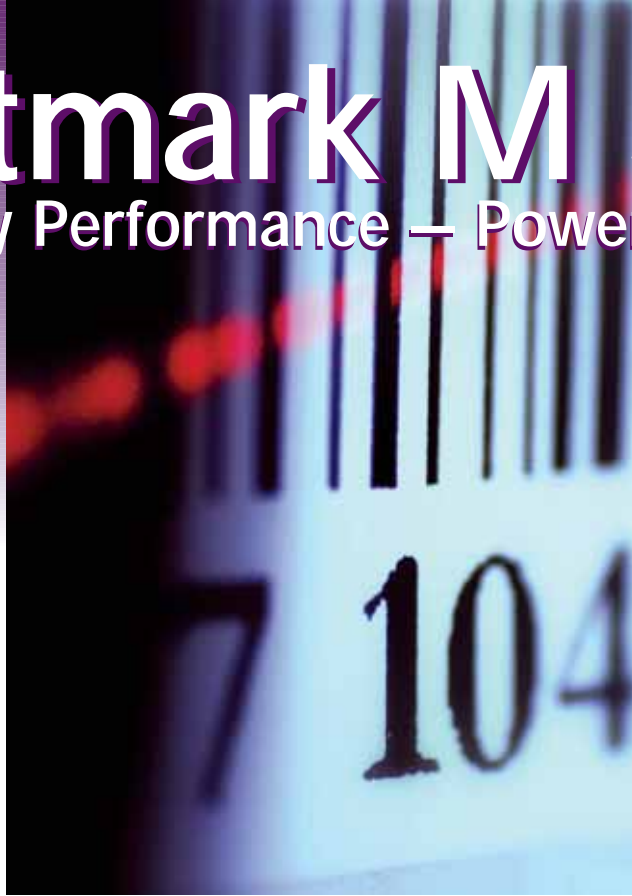


# Fastmark M Series

Quality Performance – Powerful Features!



## M7 – High Performance Thermal Transfer Bar Code Printer

M7 is a powerful, full featured, high performance printer offering great value. Its low profile still handles an 8” OD label roll, delivers fast throughput making it ideal for any high volume application.

### Industrial-Strength Construction

- All metal construction to withstand tough production environments
- Designed for ease of use - ribbon and label loading are “a snap”
- Easily adjustable printhead pressure and media sensors
- Two year limited warranty

### Standard Features

- Direct Thermal and Thermal Transfer
- Our powerful and versatile “PAL” plus other popular emulations
- Easy to read LCD display
- Parallel, Serial, USB and LAN ports
- 203, 300 and 600 dpi models
- Print speed up to 12 ips
- PS/2 Keyboard Interface
- Peel, Present and Rewind included
- Real Time clock included



# All M7's are ready for loading custom PAL applications



## PRINTER SPECIFICATIONS INCLUDE:

<b>Printer Models</b>	M7, M7 Plus	<b>Internal Font</b>	8 alpha-numeric bitmap fonts, Monotype Imaging True Type Font Engine
<b>Resolution</b>	203 dpi 300 dpi 600 dpi	<b>Real Time Clock</b>	Standard
<b>Printing Method</b>	Thermal Transfer and Direct Thermal	<b>Code Page</b>	Codepage 437 (English-US), Codepage 850 (Latin1), Codepage 852 (Latin2), Codepage 860 (Portuguese), Codepage 863 (French Canadian), Codepage 865 (Nordic), Codepage 857 (Turkish), Codepage 861 (Iceland), Codepage 1252 (Latin1), Codepage 1250 (Latin2), Codepage 1254 (Turkish), Latin-1 (ISO-8859-1: Western European), Latin-2 (ISO-8859-2: Central European), Latin-9 (ISO-8859-9: Turkish)
<b>Print Speed</b>	203 dpi up to 12 ips 300 dpi up to 6 ips 600 dpi up to 4 ips	<b>1D Bar Code</b>	Code 39, Code 93, Code 128UCC, Code 128 subsets A.B.C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, 2005 sunrise compliance barcode, RSS code
<b>Max Print Width</b>	<b>M7 Plus</b> 4.09" (104 mm) <b>M7</b> 4.25" (108 mm)	<b>2D Bar Code</b>	PDF-417, Maxicode, DataMatrix, QR code, Aztec.
<b>Label Length</b>	<b>M7 Plus</b> 203 dpi 0.20 - 160" (5 - 5080 mm) 300 dpi 0.20 - 79" (5 - 2006 mm) 600 dpi 0.20 - 40" (5 - 1016 mm) <b>M7</b> 203 dpi 0.20 - 90" (5 - 2286 mm) 300 dpi 0.20 - 40" (5 - 1016 mm)	<b>Font and Barcode Rotation</b>	0, 90, 180, 270 degrees
<b>Enclosure</b>	Die-cast aluminum base and frame. Metal cover with two hinges and large clear view window	<b>Command Set</b>	PAL Plus, Zebra, Eltron, Datamax
<b>Physical Dimension</b>	10.63" (W) x 12.13" (H) x 19.88" (D) 270 mm(W) x 308 mm (H) x 505 mm (D). Internal rewinder is able to rewind 8.2" label roll liner	<b>Media Type</b>	Continuous, die-cut, Fan-fold, tag, notched, black mark, perforated, care label (width less than 3 inch)
<b>Weight</b>	33 lbs (15 kg)	<b>Media Size</b>	Width 1" - 4.6" (25.4 to 118 mm) Core Diameter 1 - 3" (25.4 mm - 76.2 mm) Thickness: 2.3 - 11.8 mil (0.06 mm - 0.30 mm), 300 g/m**2
<b>Ribbon</b>	656 yards long, TPH burn line position adjustable. Ink coated inside or outside	<b>(Peel Mode) (Cutter Mode)</b>	1 - 6" (25.4 - 152.4 mm) 203 dpi 0.20 - 200" (5 - 5080 mm) 300 dpi 0.20 - 100" (5 - 2540 mm)
<b>Ribbon Width</b>	1 - 4.5" (25.4 mm - 114.3 mm)	<b>Environment Conditions</b>	Operation: 5 - 40°C, 20 - 85% non-condensing Storage: -40 - 60°C, 5 - 90% non-condensing
<b>Label Roll Capacity</b>	8.2" (208.3 mm) OD. Damper mechanism for label roll	<b>Safety Regulation</b>	FCC Class A, CE Class A, C-Tick Class A, BSMI Class A, UL, CUL, TUV/GS, CCC, VCCI, CB
<b>Processor</b>	32-bit ARM9 architecture, 200MHz	<b>Environmental Concern</b>	Comply with RoHS, WEEE
<b>Memory</b>	<b>M7 Plus</b> 8MB flash memory, 32MB SDRAM, SD flash memory card slot for flash memory expansion <b>M7</b> 4MB flash memory, 8MB SDRAM	<b>Accessories</b>	Bar Tender UltraLite labeling software CD disk, Quick Start Guide, USB Port Cable, Power Cord
<b>Interface</b>	<b>M7 Plus</b> RS-232C (2400 - 115200 bps), Centronics (SPP mode), USB 2.0 client (full speed), PS/2 keyboard interface, Internal Ethernet Print Server <b>M7</b> RS-232C (2400 - 115200 bps), Centronics (SPP mode), USB 2.0 client (full speed)	<b>Factory Option</b>	UHF RFID module, RS-422/RS-485, Applicator I/O interface, Internal rewinding kit
<b>Power</b>	Internal switching power supply Input: 90-132 / 180-264Vac auto-selectable, 5/3A at 115/230VAC, 47 - 63Hz	<b>User Option</b>	Rotary heavy duty cutter Max. width 120 mm, 1,000,000 cuts, paper weight <math><200\text{g/m}^2</math>, 500,000 cuts, paper weight <math><300\text{g/m}^2</math>, External wireless (802.11 b/g) print server, programmable smart keyboard
<b>LCD Display</b>	Graphic type, 128 x 64 pixel, with back light, Supported languages: English, French, German, Spanish, Italian, Traditional Chinese, Simplified Chinese, Japanese		
<b>Operation Switch, Button</b>	Power switch at back side of printer, 6 operation buttons (up, down, select, pause, feed, menu)		
<b>Sensors</b>	Transmissive gap sensor (position adjustable), easy to access when label is loaded. Reflective black mark sensor (position adjustable), Transmissive ribbon end sensor, Ribbon end must be transparent, Head open sensor, Print head heater element diagnostic, Peel off sensor		

Part No. 120719  
Specifications are subject to change without notice.  
# 12402

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**PAL**  
It speaks your language