



M5 Direct Thermal



- Full 5" OD roll media capacity
- Optional Battery powered models
- 203 and 300 dpi models
- Popular emulations plus our proprietary PAL®

Printer Model	Fastmark M5DT	
Resolution	203 dpi (8 dots/mm), 300 dpi (12dots/mm)	
Command Set	TSPL-EZ™	
Printing Method	Direct Thermal	
Max. Print Speed	Up to 7ips – 203 dpi	Up to 5 ips – 300 dpi
Max. Print Length	2,286 mm (90") – 203 dpi	1,016 mm (40")– 300 dpi
Max. Print Width	108 mm (4.25") - 203 DPI	106 mm (4.17") - 300 dpi
Resident Fonts	San Serif and OCRB with smooth scaling	
Label roll capacity	127 mm (5") OD	
Label Length	10 ~ 2,286 mm (0.4" ~ 90") (203 dpi) 10 ~ 1,016 mm (0.4" ~ 40")(300 dpi)	
Physical/Electrical	9.5" (L) x 8.4" (W) x 6.5" (H) Power: 100-240V universal switching power supply (external adapter) Enclosure: Double-walled plastic	
Software	PAL Windows driver	
Operation switch, button, LED	1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)	
Memory	4 MB Flash memory 8 MB SDRAM SD card reader for Flash memory expansion, up to 4 GB	
Interfaces	USB 2.0 RS-232 Centronics	
Processor	32-bit RISC CPU	
Sensors	Transmissive gap sensor Black mark reflective sensor (position adjustable) Head open sensor	
1D Bar Code Symbologies	Code 39, Code 93, Code 128UCC, Code 128 subset 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, RSS-Stacked, GS1 DataBar, Code 11 China Post	
2D Bar Code Symbologies	PDF-417, Maxicode, DataMatrix, QR Code, Aztec	
Font and Barcode Rotation	0, 90, 180, 270 degrees	
Internal fonts	8 alpha-numeric bitmap fonts Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font	
Media Type	Continuous, die-cut, black mark, fan-fold, notched (outside wound)	
Media Width	20 ~ 112 mm (0.78" ~ 4.4")	
Media Thickness	0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)	
Media Core Diameter	25.4 ~ 76.2 mm (1" ~ 3")	
Label Length	10 ~ 2,286 mm (0.4" ~ 90")	10 ~ 1,016 mm (0.4" ~ 40")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing	
Environmental concern	Comply with RoHS, WEEE	
EMI and Safety	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC	



THERMAL PRINTERS

Power	External universal switching power supply • Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 3.75A, 90W
Limited Warranty	Printer: 2 years Print head: 25 km (1 million inches) or 12 months which comes first Platen: 50 km (2 million inches) or 12 months which comes first
External	KP-007 keyboard display unit, external LAN adapter
Pack/Charger Operations	Standby 8 hours and printing 2000 inches Charge/Discharge cycle guarantee 500 times Product guarantee 1 year
Accessories	Includes CD, USB cable and Quick Start Guide
Pack/Charger Specifications	Pack/Charger Input: 115/230 VAC, 60/50 Hz Pack/Charger Output: 22.8 VDC/1.8 A Battery pack voltage: 22.8 V Weight: 1.8 kg (battery assembly: 1.3 kg), Charge Temperature: 32° to 113° F (0° to 45° C) Housing: 0.5 kg Size: 30 mm (W) x 210 mm (H) x 260 mm (L) Rated Capacity: 2.2 Ah Storage Temperature: -40° to 122° F (-40° to -50° C) Discharge Temperature: -4° to 122° F (-20° to -50° C)
Options	Label taken sensor, real time clock, buzzer, liner less printing capability, external roll mount (O.D. 8" with 1" core), Peeler, Cutter

The MS is one of the strongest and most durable thermal transfer mechanisms in the industry. Available in both thermal transfer and direct thermal models. This printer is an ideal solution for a variety of applications, including healthcare, retail, inventory, process control, or shipping. This PAL enabled printer with its expansive list of features makes it one of the best values on the market.