Fastmark 400 Series
Maximum Performance – Minimum Expense

Fastmark 400 Desktop Thermal Printers – Full-Featured, Value-Priced

For your low to moderate printing applications, the Fastmark 400 Series offers all the advantages of large-label and tag printers at a fraction of the cost. In addition, the Fastmark 400 Series uses AMT Datasouth's exclusive Printer Application Language (PAL) to provide all the benefits of a truly smart printer without re-programming your host system or requiring a dedicated PC.

Built To Last
- Tough, high-impact ABS housing
- All-metal print mechanisms
- Advanced standard features and flexible options
- Supports rich fonts, full graphics, all popular linear and 2-D barcode symbologies

Easy To Use
- No special operator training required
- Clamshell design allows full accessibility for quick media and ribbon loading
- Unique "spring loaded release" feature offers print head replacement in seconds

AMTDatasouth

PAL
SM
It speaks your language

FM 400 Series – Offering Standard Features Others Consider "Add-Ons"

- Label Design Software allows printing from PC and creating stand-alone applications (not available with PAL)
- Windows™ Drivers included for 95/98/NT/2000
- Print speeds up to 3 inches per second and label lengths up to 45 inches
- 203dpi - 300dpi resolution for superior print quality, barcodes, text and graphics
- Serial and parallel interfaces
- Black Bar and Gap Sensor

PRINTER SPECIFICATIONS INCLUDE:

Models	FM402DT, FM402DT/TT, FM403DT/TT FM412DT/TT FM403 PAL, FM412 PAL
Speed	FM402DT: 2 ips (51mm/s) FM402DT/TT: 3 ips (76mm/s) FM403DT/TT: 2 ips (51mm/s) FM412DT/TT: 3 ips (76mm/s)
Print Resolution	FM402DT, FM402DT/TT: 203 dpi (8 dots/mm) FM403DT/TT: 300 dpi (12 dots/mm) FM412DT/TT: 203 dpi (8 dots/mm)
Fonts	International character sets 5 alpha-numeric fonts from .049" - 0.23"H (1.25mm-6.0mm) (not available with PAL) All fonts expandable up to 24 x 24 (not available with PAL) 4 direction 0° - 270° rotation Downloadable soft fonts (not available with PAL) Smooth scaling with PAL
Graphics & Bar Codes	Code 39, Extended Code 39, Code 93, Code 128 UCC Code 128 (Subset A,B,C), Codabar, Interleave 2 of 5 EAN-8 2&5 add on, EAN-13, EAN-128, UPC, UPC-A E 2&5 add on, POSTNET, German POST, Matrix 25, Maxicode, PDF-417, PCX, BMP, GDI graphics (German POST, PCX, BMP, GDI graphics - not available with PAL)
Print Width	1.0" - 4.13" (25mm - 105mm)
Print Method	FM402DT: Direct Thermal FM402DT/TT, FM403DT/TT, FM412DT/TT: Direct Thermal and Thermal Transfer
Media Size	Max width 4.3" (110mm), Min width 1.0" (25mm) Min length 0.4" (10mm) Thickness .0025" ~ .01 (.0635mm ~ .245mm) Max roll capacity 4.3" (109mm) O.D. Core size 1.0" (25mm) I.D.
Media Type	Roll, die-cut, continuous, fan-fold, tags, ticket, thermal paper, plain paper, synthetics or foils
Indexing	Black Bar and Gap

Ribbon	Thermal Transfer Models: Wax, Wax/Resin, Resin Ribbon width - 1" - 4.3" (25mm - 109mm) Ribbon roll - max O.D. 1.4" (36mm) Core size 0.5" core I.D. (12.5mm) Ribbon length – 300' (91M)
Memory/Buffer	FM402DT, FM402DT/TT: 512K standard, 512K expandable FM403DT/TT, FM412DT/TT: 2MB DRAM, 1MB FLASH
Software	Windows Drivers (95/98/NT/2000) Label creation software included (not available with PAL) PAL - FeatureMan, FlashWiz, ComLog Utilities
Emulations	Multiple Industry Emulations FM402, FM403 - A & B Industry Emulations FM412 - Z Industry Emulation FM403, FM412 - PAL Emulation
Interface	RS-232 serial, Centronics parallel, USB option
Network Interface	External LAN print server option
Physical/Electrical	W 7.3" X D 10.9" X H 6.0" (W186 X D278 X H153mm) FM402DT: 4.2 lbs. (1.9 kgs) FM402DT/TT, FM403DT/TT, FM412DT/TT: 4.6 lbs. (21. Kgs.) 110/220 VAC ± 10%, 50/60 Hz CE, UL, CUL
Environmental	40°F ~ 100°F (4°C ~ 38°C) 10 ~ 90% non condensing FCC Class B emissions
Options	Cutter Peel and Present FLASH memory card - 512K SRAM memory card - 512K Real time clock w/512K FLASH Stand alone keyboard with LCD and format storage External 8" OD Media Supply Holder RS-232 cable USB
Warranty	One year Parts and Labor, Return to Depot Six months Printhead

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Part No. 110023 Rev. B

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