TSC
The Smarter Choice.

MX240P SERIES – Industrial Thermal Transfer Bar Code Printer

STRONG HIGH SPEED PERFORMANCE FOR HIGH VOLUME ENTERPRISE APPLICATIONS

KEY FEATURES

- "Thermal Smart Control"™ print technology produces cleanest, high quality barcodes
- Heavy duty die-cast aluminum design
- Fast 536 MHz processor
- Faster print speed - up to 18 ips
- 4.3" color LCD includes new UI design with 6-button menus and touch panel operation
- Precise media positioning & preprinted label identification
- Available in 203 dpi, 300 dpi and 600 dpi resolutions
- 512 MB Flash and 512 MB SDRAM memory
- 600 meter ribbon capacity
- TSPL-EZ™ firmware for plug-n-play ease
- USB host interface for stand-alone application
- Auto TPH resolution switch detection
- Ribbon and media capacity monitor widget
- ENERGY STAR® qualified

APPLICATIONS

- High Volume Printing
- Work In Process
- Compliance Labeling
- Inventory Management
- Shipping/Receiving
- Asset Management
- Electronics & Jewelry Labeling

EZS®
Etiketten Thermotransferfolien Hard- und Software
IDENTTECHNIK
It's always a good ID

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PRINTER MODEL	MX240P	MX340P	MX640P
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	24 dots/mm (600 DPI)
Printing method	Thermal Transfer & Direct Thermal		
Max. print speed	457 mm (18")/second	356 mm (14")/second	152 mm (6")/second
Max. print width	104 mm (4.09")		
Max. print length	25,400 mm (1,000")	11,430 mm (450")	2,540 mm (100")
Enclosure	Die-cast based print mechanism and frame/Aluminum cover with large clear media view window		
Physical dimension	300 mm (W) x 393 mm (H) x 510 mm (D) 11.81" (W) x 15.47" (H) x 20.08" (D)		
Weight	18 kg (39.68 lbs)		
Label roll capacity	203.2 mm (8") OD		
Ribbon	600 meter long, max. OD 90 mm,1" core (ink coated outside/inside)		
Ribbon width	40 ~ 115 mm		
Processor	32-bit RISC CPU		
Memory	• 512 MB Flash memory • 512 MB SDRAM • microSD Flash memory card reader for Flash memory expansion, up to 32 GB		
Interface	• RS-232 • USB 2.0 • Internal Ethernet, 10/100 Mbps • USB host * 2 (front side), for scanner or PC keyboard • GPIO + Centronics (dealer option) • Internal Bluetooth 4.0 (dealer option) • Slot-in 802.11 a/b/g/n wireless (user option)		
Power	Internal universal switching power supply • Input: AC 100-240V, 4-2A, 50-60Hz • Output: DC 5V, 5A; DC 24V, 7A; DC 36V, 1.4A; Total 243W		
LCD	16 bits Color, 480 x 272 pixel, with back light, Resistive Touch Screen		
Operation switch, button	1 power switch, 6 operation buttons (Menu, Pause, Feed, Up, Down, Select)		
Sensors	• Gap transmissive sensor (position adjustable) • Black mark reflective sensor (position adjustable) • Head open sensor • Ribbon end sensor • Ribbon encode sensor • Media capacity sensor		
Real time clock	Standard		
Internal fonts	• 8 alpha-numeric bitmap fonts • Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font		
Bar code	• 1D bar code Code 39, Code 93, Code128UCC, Code128 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, RSS-Stacked, GS1 DataBar, Code 11, China Post • 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec		
Font and barcode rotation	0, 90, 180, 270 degree		
Printer language	TSPL-EZ™ (Compatible to EPL, ZPL, ZPL II)		
Media type	Continuous, die-cut, black mark, fan-fold, notched (outside wound)		
Media width	20 ~ 114 mm (0.78" ~ 4.49")		
Media thickness	0.076 ~ 0.305 mm (2.99 ~ 12.01 mil)		
Media core diameter	76.2 mm (3")		
Label length	3 ~ 25,400 mm (0.1" ~ 1,000")	3 ~ 11,430 mm (0.1" ~ 450")	3 ~ 2,540 mm (0.1" ~ 100")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing		
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, cUL, TÜV/safety, CCC, CB, BIS, EAC, ENERGY STAR®		
Environmental concern	Comply with RoHS, WEEE		
Accessories	• Windows labeling software CD disk • Quick start guide • USB cable • Power cord		
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		
Factory options	• Internal rewinding kit (full roll)		
Dealer options	• GPIO + Parallel interface • Internal Bluetooth 4.0 • Peel-off kit • Regular cutter (full cut guillotine cutter) • Heavy duty guillotine cutter		
User options	• 802.11 a/b/g/n wireless module (slot-in) • KP-200 Plus series keyboard • KU-007 Plus programmable smart keyboard		

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