

# TSC

The Smarter Choice.

CELEBRATING 20 YEARS



## MX240 SERIES – Industrial Thermal Transfer Bar Code Printer

# STRONG PERFORMANCE FOR MISSION CRITICAL ENTERPRISE APPLICATIONS



### KEY FEATURES

- Heavy duty die-cast aluminum design
- Fast 536 Mhz processor
- Faster print speed - up to 14 ips
- 4.3" color LCD with 6-button menus and touch panel operation
- Available in 203 dpi, 300 dpi and 600 dpi resolutions
- 128 MB Flash and 256 MB SDRAM memory
- 600 meter ribbon capacity
- TSPL-EZ™ firmware for plug-n-play ease
- USB host interface for stand-alone application

### APPLICATIONS

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

# MX240 SERIES – Industrial Thermal Transfer Bar Code Printer

PRINTER MODEL	MX240	MX340	MX640
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	356 mm (14")/second	305 mm (12")/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	<ul style="list-style-type: none"> <li>• 128 MB Flash memory</li> <li>• 256 MB SDRAM</li> <li>• SD Flash memory card reader for Flash memory expansion, up to 32 GB</li> </ul>		
Interface	<ul style="list-style-type: none"> <li>• RS-232</li> <li>• Centronics</li> <li>• USB 2.0</li> <li>• Internal Ethernet, 10/100 Mbps</li> <li>• USB host * 2 (front side) * 2 (rear side, factory option), for scanner or PC keyboard</li> <li>• GPIO (dealer option)</li> <li>• Bluetooth (user option)</li> <li>• External 802.11 b/g/n wireless (user option)</li> </ul>		
Power	Internal universal switching power supply • Input: AC 100-240V, 3.0A, 50-60Hz • Output: DC 24V, 8.33A, 200W		
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	<ul style="list-style-type: none"> <li>• Gap transmissive sensor (position adjustable)</li> <li>• Black mark reflective sensor (position adjustable)</li> <li>• Head open sensor</li> <li>• Ribbon end sensor</li> <li>• Ribbon encode sensor</li> </ul>		
Real time clock	Standard		
Internal fonts	<ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> </ul>		
Bar code	<ul style="list-style-type: none"> <li>• 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</li> <li>• 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec</li> </ul>		
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		
Environmental concern	Comply with RoHS, WEEE		
Accessories	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> </ul>		
Limited warranty	<ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 25 km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50 km (2 million inches) or 12 months which comes first</li> </ul>		
Factory options	<ul style="list-style-type: none"> <li>• Internal rewinding kit (include internal rewind &amp; label redirect front panel)</li> <li>• USB host (rear side), for scanner or PC keyboard</li> </ul>		
Dealer options	<ul style="list-style-type: none"> <li>• Peel-off kit (include internal rewind &amp; peel off module)</li> <li>• Regular cutter (full cut guillotine cutter)</li> <li>• Heavy duty cutter (full cut rotary cutter)</li> <li>• GPIO interface</li> </ul>		
User options	<ul style="list-style-type: none"> <li>• Bluetooth module (serial interface)</li> <li>• 802.11 b/g/n wireless module (serial interface)</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul>		



#### CORPORATE HEADQUARTERS

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 2 2218 6789  
E-mail: apac\_sales@tscprinters.com

#### LI ZE PLANT

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 3 990 6677  
E-mail: apac\_sales@tscprinters.com

#### AMERICAS

**TSC Auto ID Technology America Inc. Corporate Office**  
Tel: +1 909 612 9606  
E-mail: americas\_sales@tscprinters.com

#### Orlando Office

Tel: +1 407 704 8918  
E-mail: americas\_sales@tscprinters.com

#### CANADA

**TSC Auto ID Technology America Inc.**  
Tel: +1 909 612 9606  
E-mail: americas\_sales@tscprinters.com

#### MEXICO

**TSC Mexico Representative Office**  
Tel: +52 (33) 3836 6682  
E-mail: americas\_sales@tscprinters.com

#### BRAZIL

**TSC Brazil Representative Office**  
Tel: +55 (11) 9597 8098  
E-mail: americas\_sales@tscprinters.com

#### EMEA

**TSC Auto ID Technology EMEA GmbH**  
Tel: +49 (0) 8106 37979 00  
E-mail: emea\_sales@tscprinters.com

#### RUSSIA

**TSC Auto ID Technology EMEA GmbH**  
Tel: +7 915 422 8889  
E-mail: emea\_sales@tscprinters.com

#### MIDDLE EAST

**TSC Auto ID Technology ME Ltd, FZE**  
Tel: +971 4 2533 069  
E-mail: emea\_sales@tscprinters.com

#### ASIA PACIFIC

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 2 2218 6789  
E-mail: apac\_sales@tscprinters.com

#### CHINA

**Tianjin TSC Auto ID Technology Co., Ltd.**  
Tel: +86 22 5981 6661  
E-mail: apac\_sales@tscprinters.com

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