## SMALL FOOTPRINT DELIVERS YOUR EVERYDAY LABEL PRINTING NEEDS





The TSC ME240 series of industrial thermal label printers was designed to offer the right features at the best value in the industry. The ME240 features a small footprint and low profile design that fits where larger industrial printers do not. Its quiet operation and fast label throughput is equally at home, in the office or shop floor environment. The printers all-metal construction and die-cast aluminum print mechanism is durable enough to withstand the toughest production environments.

#### **DIE-CAST PRINT MECHANISM FOR CUSTOM APPLICATIONS**

The ME240 printer's unique design features a heavyduty die-cast aluminum print mechanism, which TSC will make available as a stand-alone unit to partners who want to design and build their own custom packaging machine or label applicator. The print mechanism includes a ribbon handler and printhead assembly and is designed to hold the electronics main board and power supply. This compact assembly is ideal for resellers who want to develop low-cost customized solutions for packaging, product marking and other applications.

While priced for value, the ME240 series offers two models loaded with popular features, and offers a selection of options and accessories to further enhance its capabilities to meet the demands of a wide range of printing solutions. Standard features include USB and serial connectivity, a 2-button 3-LED (basic model)/ 6-button LCD (advanced model) control panel, Real Time Clock, 8 MB DRAM memory, 4 MB FLASH memory and an SD Flash memory card slot that allows for FLASH memory expansion up to 4 GB.

Popular options include a full featured graphical LCD display (for basic model), Ethernet connectivity, USB Host, a peel-off kit (including a peel-off sensor and panel), stand-alone keyboard, cutter module and a

parallel port to work with legacy installations.

The ME240 series features TSPL-EZ firmware that is easy to set up and use. TSPL-EZ offers automatic TPLZ and TPLE language emulation right outof the box. The printer simply translates each label format as the printer receives it. The included DiagTool configuration software makes it a snap to replace existing printers with a modern durable ME240 series printer. Other TSPL-EZ features include a file manager and programming language that support stand-alone and down-time programming solutions allowing you to print labels without connection to a host computer, or optionally be able to continue printing labels during times of network failure.

The ME240 delivers 4-inch print width, 203-dpi (8 dots/mm) resolution, 6-ips performance, and full 8" OD roll media handling capability.

The ME340, based on the same platform as the ME240, offers 300-dpi (12 dots/mm) resolution, 4 inches per second speed and a full 8" roll media handling capability.

#### **KEY SERIES FEATURES**

- 2-button 3-LED (basic model) / 6-button LCD (advanced model) control panel
- Easily adjustable sensors
- Print head pressure adjustment knobs
  - ▶450 meter ribbon capacity
  - Flexible firmware structure allows the printer to emulate popular printer languages
  - Available in 203 dpi and 300 dpi resolutions
  - ▶ Up to 4 Gigabyte Flash memory expansion using SD Flash memory
  - Fast label throughput

#### ME240 SERIES MARKETS Warehousing / Distribution

- Labeling for
- ° Packing
- ° Shipping
- Inventory Management
   Shelf/ Rack labeling
- Manufacturing •Work in process labeling

Product Marking

Inventory Management

Compliance Labeling

- Healthcare
- Patient ID Pharmacy unit dose
- •Specimen labels
- Wristband printing
- Admissions



Value . Performance . Support

# **ME240. ME340** INDUSTRIAL THERMAL TRANSFER BAR CODE PRINTER



TSC

### **SPECIFICATIONS**

PECIFICATIONS		
Printer model	ME240	ME340
Resolution	203 DPI	300 DPI
Printing method	Thermal Transfer and	
Max. print speed	Up to 6 ips	Up to 4 ips
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Max. print width	104 mm (4.09")	104 mm (4.09")
Max. print length	2,286 mm (90")	1,016 mm (40")
Enclosure	Die-cast based print mechanism/Metal c	
Physical dimension	286 mm (W) x 259 mm (H) x 434 mm (D) or 11.26" (W) x10.20" (H) x 17.09" (D)	
Weight	11 kg	
abel roll capacity	203.2 mm (8") OD	
ibbon	450 meter long, max. OD 81.3 mm, 1" core (ink coated outside)	
ibbon width	40 mm ~ 110 mm	
rocessor	32-bit RISC CPU	
Nemory	<ul> <li>4 MB FLASH memory</li> <li>8 MB SDRAM</li> <li>SD Flash memory card slot for Flash memory expansion, up to 4 GB</li> </ul>	
nterface	• RS-232C (2400 - 115200 bps) • USB 2.0 (full speed)	
Power	Internal universal switching power supply Input: AC 100-240V Output: DC 24V 3.3A	
LCD	basic model without LCD/ advanced model without LCD/	th Graphic type, 128 x 64 pixel, with back light
Operation switch, button	1 power switch, 2 buttons (pause, feed) (Pause, Feed)-basic model/ 6 buttons (Menu, Pause, Feed, Up, Down, Select)-advanced model	
Sensors	<ul> <li>Position adjustable transmissive/ reflective sensor</li> <li>Ribbon end/encoder sensor</li> <li>Head open sensor</li> </ul>	
Real time clock	Standard	
nternal fonts	<ul> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Imaging<sup>®</sup> font engine with CG Triumvirate Bold Condensed scalable font</li> </ul>	
Bar code	1D bar code Code 39, Code 93, Code 128 UCC, 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, GS1 DataBar, Code 11, Logmars 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec	
		•
ont & barcode rotation	0, 90, 180, 1	
mmand set	TSPL	
edia type	Continuous, die-cut, black mark,	
edia width	25.4 ~ 118 mm	1 (1.0" ~ 4.6")
edia thickness	0.06 ~ 0.28 mm	
edia core diameter	25.4 mm~76.2	
abel length	5 ~ 2,286 mm (0.2" ~ 90")	5 ~ 1,016 mm (0.2" ~ 40") 25.4 ~ 152.4 mm (1" ~ 6") for peeler mode
nvironment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10~ 90% non-condensing	
afety regulation	FCC Class A, CE Class A, C-Tick Class A, UL, CUL, TÜV/Safety, CCC	
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nvironmental concern	Comply with RoHS, WEEE	
Accessories	<ul> <li>Windows labeling software CD disk</li> <li>Quick start guide</li> <li>USB cable</li> <li>Power cord</li> <li>Ribbon rewind spindle paper core</li> </ul>	
imited warranty	<ul> <li>Print head: 1 million inches (25 km) or 12 months whichever comes first</li> <li>Printer: 2 years</li> <li>Platen: 50 km</li> </ul>	
Factory options	<ul> <li>Graphic type, 128 x 64 pixels LCD display (for basic model only)</li> <li>Internal Ethernet interface</li> <li>USB host (Support PC keyboard and bar code scanner)</li> <li>Centronics Parallel Port</li> </ul>	
Dealer options	<ul> <li>Peel-off kit (peel off module)</li> <li>Cutter module</li> </ul>	
User options	<ul> <li>Bluetooth module (Serial interface)</li> <li>KP-200 Plus keyboard display unit</li> <li>KU-007 Plus programmable smart keyboard</li> <li>HCS-200 long range CCD scanner</li> </ul>	