



## TTP-248M

### HIGH PERFORMANCE THERMAL TRANSFER BAR CODE PRINTER

## High-Demand Industrial Printing.

The TSC TTP-248M series of industrial thermal printers offers the right features at the best value in the industry. A true workhorse, the TTP-248M features a rugged all-metal construction and durable mechanism ensuring the ability to work under extreme industrial applications.

Designed for ease-of use, the TTP-248M includes a large error warning light with a buzzer, adjustable gap and black sensors, and a mechanism that makes loading labels and ribbons simple.

The TTP-248M is loaded with the industry's most 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 4MB DRAM memory, 2 MB FLASH memory, internal rewind with present sensor, and an easy to read LCD display. Popular options include a stand-alone keyboard, cutter module and an internal Ethernet adaptor that makes integrating into networked systems a snap.

The TTP-248M features include:

- ▶ BRIGHT LCD DISPLAY CONTROL PANEL
- ▶ EASILY ADJUSTABLE SENSORS,
- ▶ PRINT HEAD PRESSURE ADJUSTMENT KNOBS,
- ▶ UNIQUE RIBBON HANDLER DESIGN ALLOWS THE PRINTER TO USE EITHER OUTSIDE OR INSIDE COATED RIBBON.
- ▶ FLEXIBLE FIRMWARE STRUCTURE ALLOWS THE PRINTER TO EMULATE POPULAR PRINTER LANGUAGES.
- ▶ 203 DPI RESOLUTIONS
- ▶ INTERNAL REWIND AND PRESENT SENSOR
- ▶ FAST LABEL THROUGHPUT

TTP-248M Popular Options:

- ▶ AFFORDABLE CUTTER MODULE
- ▶ INTERNAL ETHERNET ADAPTOR FOR NETWORKED ENVIRONMENTS
- ▶ MEMORY EXPANSION MODULE - UP TO 8 MB

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*Value. Performance. Support.*

# TTP-248M



		<b>TTP-248M</b>
<b>STANDARD FEATURES</b>	PRINTING METHOD	Thermal transfer and/or direct thermal
	RESOLUTION	203 dpi (8 dots/mm)
	PRINT SPEED	50mm, 100mm, 152mm, 203mm per second (2, 4, 6, 8, 10 ips)
	MAXIMUM PRINT WIDTH	104mm (4.09")
	PRINT LENGTH	10mm – 1,000mm (0.4" – 39.4")
	MEMORY	2MB Flash memory, 4MB DRAM memory
	SENSORS	Adjustable gap/black-mark sensor, ribbon end, print head open, peel-off sensors
	CABINET	Metal construction with view window
	OPERATION PANEL	LCD display (122 x 64 pixel), LED (Power, Error, On line), Switch (Pause, Feed, Menu)
	DIMENSION	310mm W x 505mm D x 310mm H (12.2" W x 19.5" D x 12.2" H)
	NET WEIGHT	19.5kg (43lbs)
COMMAND SET	TSPL II	
OTHER	Internal Rewinder	
<b>OPERATIONAL CHARACTERISTICS</b>	COMMUNICATION INTERFACES	RS232 and Centronics Parallel ports, USB, Ethernet optional
	SOFTWARE	LabelView XLT™ and Windows Drivers
	OPERATING TEMPERATURE	Operation: 5°C to 40°C (40°F – 104°F)
	STORAGE TEMPERATURE	Storage: -10°C to 60°C (14°F – 140°F)
	ELECTRICAL	100-240VAC, 50/60Hz switching power supply
	AGENCY APPROVALS	CE, FCC Class A, UL, CUL, TUV/GS
<b>MEDIA</b>	MEDIA TYPE	Roll-fed, fan-fold, continuous labels, die-cut, perforated, continuous ticket/tag
	MEDIA WIDTH	19mm – 118mm (0.7" – 4.65")
	MEDIA DIAMETER (MAX.)	203mm OD (8" OD) with 25mm or 76mm Core (1" or 3" Core)
	MEDIA THICKNESS	0.06mm – 0.25mm (0.002" – 0.01")
	RIBBON CORE DIAMETER	25.4mm (1") CSO or CSI ribbons
	RIBBON WIDTH	25.4mm – 110mm (1" – 4.3")
	MAXIMUM RIBBON LENGTH	450M (1,476 ft.)
<b>FONTS GRAPHICS SYMBOLOGIES</b>	BAR CODE SYMBOLOGIES	Code 39, Code 93, Code 128 UCC, Code 128 subsets A.B.C, Code 11, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 & 5 digits add-on, CPOST, MSI, PLESSEY, POSTNET
	2-D BAR CODE SYMBOLOGIES	PDF-417, Maxicode, DataMatrix
	RESIDENT FONTS	Five alphanumeric fonts, OCR-A, OCR-B, One True Type font
	FONT ROTATION	0, 90, 180, 270 degrees
<b>OPTIONS &amp; ACCESSORIES</b>	KEYPAD/DISPLAY UNIT	KU-007 Plus Keyboard Display Unit
	INTERFACES	USB, RS-422/485, Internal Ethernet interface
	CUTTER	4" width rotary cutter (media thickness up to 0.28mm)
	INTERNATIONAL FONTS	Chinese, Japanese Kanji, and Korean font cards
	MEMORY EXPANSION	Flash memory expansion module up to 8M B
	REAL-TIME-CLOCK	