



# TSC

Connecting Your Thermal Printing Needs.™

## 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 8MB   |
|                                    | REAL-TIME-CLOCK          |   |