

## 2.2" THERMAL TRANSFER BAR CODE PRINTER

### MORE FEATURES, MORE SPEED, HIGHER RELIABILITY



## TTP-225 SERIES

### 2" DESKTOP THERMAL TRANSFER BAR CODE PRINTERS

TSC™ is excited to introduce its first series of 2" wide thermal transfer desktop printers. The TTP-225 Series of desktop thermal transfer printers brings TSC quality, innovation, performance, reliability and value to the small footprint 2" wide printer market.

The TTP-225 Series delivers premium performance for most retail, medical and office applications at an affordable price. The TTP-225 features a user friendly clamshell design with a large 5" OD center biased media capacity. Designed with no losable parts, it is the perfect size when you need a space-saving printer for 2" wide labels or tags. Simply open the cover and drop your labels into the printers spring loaded media guide. Top of form sensing by gap, black mark, or notch is standard and completely adjustable from side to side.

Choose either standard 203 dpi or higher resolution 300 dpi solutions. The TTP-225 features 203 dpi resolution and print speeds up to 5 inches per second. The 300 dpi TTP-323 is ideal for 2-D barcodes, fine text and small graphics labeling.

The TTP-225 is the first low cost thermal transfer compact 2" desktop printer to offer an optional LCD display to its customers. The LCD is used to present important information about print job status and setup which brings a new level of ease of use to its customers.

Other outstanding features include an inexpensive internal Ethernet adapter for easy integration into

network systems, cutters, label present sensor, and an optional keyboard for printing labels in stand-alone or down-time situations.

#### Key Printer Features

- ▶ Small size – space saving design
- ▶ Thermal transfer print technology
- ▶ Uses industry standard ribbons and media
- ▶ High quality double walled clamshell design
- ▶ Easy media loading
- ▶ Head-up sensor
- ▶ 8MB DRAM, 4MB FLASH memory
- ▶ Serial and USB 2.0 connectivity standard, Ethernet optional
- ▶ Options include LCD display, keyboard, cutter & peel
- ▶ Standard industry emulations right out of the box including Eltron® and Zebra® language support
- ▶ 2 year limited warranty

#### Markets for the TTP-225

- ▶ Retail Point-of-Sale
- ▶ Oil Change and Auto Service labeling
- ▶ Pharmacy prescription labeling
- ▶ Healthcare specimen labeling
- ▶ Healthcare patient tracking
- ▶ Shelf labeling
- ▶ Product marking
- ▶ Inventory and asset management
- ▶ Small office or home office mailing
- ▶ File folder labeling
- ▶ Wristbands



*Value • Performance • Support*

# TTP-225 . TTP-323

## 2" DESKTOP THERMAL TRANSFER BAR CODE PRINTERS



### SPECIFICATIONS

Printer Resolution	TTP-225 203 DPI	TTP-323 300 DPI
Printing method	Thermal Transfer & Direct Thermal	
Print speed	2, 3, 4, 5 ips 2, 3 ips selectable with peel function	2, 3 ips
Max. print width	54 mm (2.13")	
Max. print length	2,286 mm (90")	1,016 mm (40")
Enclosure	Clamshell design with double walled plastic	
Physical dimension	241.3 mm (L) x 139.9mm (W) x 177.4 mm (H) 9.5" (L) x 5.5" (W) x 6.98" (H)	
Ribbon capacity	110 meter, 0.5" core	
Label roll capacity	5" OD, 1" core	
Processor	32-bit RISC high performance processor	
Memory	<ul style="list-style-type: none"> <li>• 4MB Flash memory</li> <li>• 8MB SDRAM</li> <li>• MicroSD card slot for memory expansion, up to 4 GB</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>• RS-232 (max. 115,200 bps)</li> <li>• USB 2.0 (full speed mode)</li> <li>• Internal Ethernet, 10/100 Mbps (dealer option)</li> <li>• 128 x 64 pixels graphic type LCD display with back light (factory option)</li> <li>• USB host, for scanner or PC keyboard (factory option)</li> </ul>	
Power	External universal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V</li> <li>• Output: DC 24V 2.5A</li> </ul>	
Operation switch, button, LED	One power switch, one feed button & one LED (3 colors)	
Sensors	<ul style="list-style-type: none"> <li>• Gap transmissive sensor (offset 4 mm from center)</li> <li>• Black mark reflective sensor (position adjustable)</li> <li>• Ribbon end sensor</li> <li>• Head open sensor</li> </ul>	
Real time clock	Standard	
Internal font	<ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• One Monotype Image® CG Triumvirate Bold Condensed scalable font</li> </ul>	
Bar code	1D bar code Code 39, Code 93, Code 128UCC, 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, RSS-14, Code 11 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec	
Font & bar code rotation	0, 90, 180, 270 degrees	
Printer language	TSPL-EZ™	
Media type	Continuous, die-cut, black mark, fan-fold, notch, wristband	
Media wound type	Outside wound	
Media width	15 ~ 60 mm (0.59" ~ 2.36")	
Media thickness	0.06 ~ 0.19 mm (2.37 ~ 7.4 mil), max. 150 g/m²	
Media core diameter	25.4 ~ 38 mm (1" ~ 1.5")	
Label length	6 ~ 2,286 mm (0.24" ~ 90") Peeler mode: 25.4 ~ 152.4 mm (1" ~ 6") Cutter mode: 25.4 ~ 2,286 mm (1" ~ 90")	6 ~ 1,016 mm (0.24" ~ 40") Peeler mode: 25.4 ~ 152.4 mm (1" ~ 6") Cutter mode: 25.4 ~ 1,016 mm (1" ~ 40")
Environment condition	<ul style="list-style-type: none"> <li>• Operation: 5 ~ 40°C (41 ~ 104°F), 25 ~ 85% non-condensing</li> <li>• Storage: -40 ~ 60°C (-40 ~ 140°F), 10 ~ 90% non-condensing</li> </ul>	
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC	
Accessories	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB port cable</li> <li>• External universal switching power supply</li> <li>• Power cord</li> </ul>	
Limited warranty	<ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 1 million inches (25 km) or 12 months which comes first since delivery from TSC</li> <li>• Platen: 50 km</li> </ul>	
Factory options	<ul style="list-style-type: none"> <li>• 128 x 64 pixels graphic type LCD display with back light</li> <li>• USB host, for scanner or PC keyboard</li> </ul>	
Dealer options	<ul style="list-style-type: none"> <li>• Internal Ethernet interface (10/100 Mbps)</li> <li>• Peel off module assembly</li> <li>• Guillotine cutter</li> <li>Full cut: Paper thickness: 0.06 ~ 0.19 mm, 200,000 cuts</li> <li>Partial cut: Paper thickness: 0.06 ~ 0.12 mm, 500,000 cuts</li> <li>Paper thickness: 0.19 mm, 200,000 cuts</li> </ul>	
User options	<ul style="list-style-type: none"> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> <li>• HCS-200 long range CCD scanner</li> <li>• Bluetooth module (serial interface)</li> </ul>	

