

# TSC

The Smarter Choice.



## TC SERIES – Desktop Thermal Transfer Bar Code Printer THE PERFECT FIT!



### KEY FEATURES

- Perfect size – space saving design
- Standard memory of 128 MB Flash, 64 MB SDRAM for TC210 and TC310
- SD card reader for memory expansion up to 32 GB standard for TC210, TC310
- High quality double-walled clamshell design
- Easy ribbon loading
- Easy media loading featuring center-biased spring loaded design
- Durability and reliability
- 2.3" color TFT Display for TC210 & TC310 only
- Multiple interfaces: USB 2.0, serial, \*parallel, \*\*USB host and Ethernet
  - \*Standard for TC200 and TC300, Option for TC210 & TC310
  - \*\* Standard for TC210 and TC310 only
- Powerful firmware: TSPL-EZ™, file manager, BASIC programming, stand-alone programming
- 2-year limited warranty

### APPLICATIONS

- Point-Of-Sale
- Product Marking
- Receipt / Coupon Printing
- Compliance Labeling
- Asset Tracking
- Document Management
- Shipping / Receiving
- Specimen Labeling
- Inventory Control
- Patient Tracking

# TC SERIES – Desktop Thermal Transfer Bar Code Printer

PRINTER MODEL	TC200	TC210	TC300	TC310
Resolution	8 dots/mm (203 DPI)		12 dots/mm (300 DPI)	
Printing method	Thermal Transfer & Direct Thermal			
Max. print speed	152 mm (6")/second		102 mm (4")/second	
Max. print width	108 mm (4.25")		105.6 mm (4.15")	
Max. print length	2,286 mm (90")	25,400 mm (1,000")	1,016 mm (40")	11,430 mm (450")
Enclosure	Double-walled plastic			
Physical dimension	203 mm (W) x 191.5 mm (H) x 259.3 mm (D) 7.99" (W) x 7.54" (H) x 10.21" (D)			
Weight	2.2 kg (4.85 lbs)	2.3 kg (5.07 lbs)	2.2 kg (4.85 lbs)	2.3 kg (5.07 lbs)
Label roll capacity	127 mm (5") OD			
Ribbon	110 m long, max. OD 40 mm, 0.5" core (ink coated outside)			
Ribbon width	40 mm ~ 110 mm (1.57" ~ 4.33")			
Processor	32-bit RISC CPU			
Memory	<ul style="list-style-type: none"> <li>4 MB Flash memory</li> <li>8 MB SDRAM</li> <li>SD Flash memory card reader for Flash memory expansion, up to 4 GB</li> </ul>	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>64 MB SDRAM</li> <li>SD Flash memory card reader for Flash memory expansion, up to 32 GB</li> </ul>	<ul style="list-style-type: none"> <li>4 MB Flash memory</li> <li>8 MB SDRAM</li> <li>SD Flash memory card reader for Flash memory expansion, up to 4 GB</li> </ul>	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>64 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>External Bluetooth (user option)</li> <li>External 802.11 b/g/n wireless (user option)</li> </ul>	<ul style="list-style-type: none"> <li>RS-232</li> <li>Centronics (factory option)</li> <li>USB 2.0 (High speed mode)</li> <li>Internal Ethernet, 10/100 Mbps</li> <li>External Bluetooth (user option)</li> <li>USB Host</li> <li>External Bluetooth (user option)</li> <li>External 802.11 b/g/n wireless (user option)</li> </ul>	<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>External Bluetooth (user option)</li> <li>External 802.11 b/g/n wireless (user option)</li> </ul>	<ul style="list-style-type: none"> <li>RS-232</li> <li>Centronics (factory option)</li> <li>USB 2.0 (High speed mode)</li> <li>Internal Ethernet, 10/100 Mbps</li> <li>USB Host</li> <li>External Bluetooth (user option)</li> <li>External 802.11 b/g/n wireless (user option)</li> </ul>
Power	External universal switching power supply Input: AC 100-240V, 2.5A, 50-60 Hz Output: DC 24V 3.75A, 90W			
Operation switch, button LED	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed/pause button</li> <li>1 LED with 3 colors (red, green, amber)</li> </ul>	<ul style="list-style-type: none"> <li>1 power switch</li> <li>6 operation buttons (menu, feed/pause, up, down, left, right)</li> <li>1 LED with 3 colors (red, green, amber)</li> <li>2.3" color TFT display, 320 x 240 pixel</li> </ul>	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed/pause button</li> <li>1 LED with 3 colors (red, green, amber)</li> </ul>	<ul style="list-style-type: none"> <li>1 power switch</li> <li>6 operation buttons (menu, feed/pause, up, down, left, right)</li> <li>1 LED with 3 colors (red, green, amber)</li> <li>2.3" color TFT display, 320 x 240 pixel</li> </ul>
Sensors	<ul style="list-style-type: none"> <li>Gap transmissive sensor</li> <li>Black mark reflective sensor (position adjustable)</li> <li>Head open sensor</li> <li>Ribbon end sensor</li> </ul>			
Internal fonts	<ul style="list-style-type: none"> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Image® 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</li> <li>Code 39, Code 39 with check digit, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave 2 of 5, Interleaved 2 of 5 with check digit, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, MSI, MSI with check digit, PLESSEY, POSTNET, Logmars, Code 11, Code 49, China post, ITF14, TELEPEN, TELEPENN, PLANET, Deutsche Post Identcode</li> <li>2D bar code</li> <li>GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417</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, notch			
Media width	20 ~ 112 mm (0.79" ~ 4.4")			
Media thickness	0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)			
Media core diameter	25.4 ~ 38.1 mm (1" ~ 1.5")			
Label length	10 ~ 2,286 mm (0.39" ~ 90")	10 ~ 25,400 mm (0.39" ~ 1,000")	10 ~ 1,016 mm (0.39" ~ 40")	10 ~ 11,430 mm (0.39" ~ 450")
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, CoC-Mexico			
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> <li>External universal switching power supply</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>Real time clock</li> </ul>	<ul style="list-style-type: none"> <li>Centronics parallel (replace USB Host)</li> <li>Real time clock</li> </ul>	<ul style="list-style-type: none"> <li>Real time clock</li> </ul>	<ul style="list-style-type: none"> <li>Centronics parallel (replace USB Host)</li> <li>Real time clock</li> </ul>
Dealer options	<ul style="list-style-type: none"> <li>Peel-off module</li> <li>Guillotine cutter (full cut)</li> </ul>			
User options	<ul style="list-style-type: none"> <li>External Bluetooth module (serial interface)</li> <li>External 802.11 b/g/n wireless module (serial interface)</li> <li>External roll mount with 3" core label spindle</li> <li>Sleeve adapter</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

## L I Z E P L A N T

**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. Corporate Office**  
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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