

# 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
- ENERGY STAR® qualified

### 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)<br>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>• 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<br>• Input: AC 100-240V, 2.5A, 50-60 Hz<br>• 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<br/>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, Deutsche Post Leitcode</li> <li>• 2D bar code<br/>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<br>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, ENERGY STAR®  |  |   |  |
| 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

## LI ZE PLANT

**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: +7 915 249 9017  
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



## Point of Sale & Barcode Solutions

POSMarket specialises in providing point of sale (POS), barcode and mobile data solutions for smart businesses. We service all industries including retail and hospitality, transport and logistics, government, healthcare, manufacturing and warehousing. Our expert team can provide solutions that can save your business money today.

## Shop By Department

### Barcode Scanners



- Barcode Readers
- Barcode Software
- Data Collectors



### Mobile Computers

- Mobile Computers
- Data Collectors
- Vehicle Computers



### Label Printers

- Desktop Printers
- Industrial Printers
- Mobile Printers



### Point of Sale

- POS Systems
- Receipt Printers
- Scales



### ID Card Printing

- ID Card Printers
- ID Software
- Card Printer Supplies



### Media & Accessories

- Labels
- Ribbons
- Paper Rolls



### Software

- Inventory Software
- Asset Tracking
- Barcode Software



### Wireless

- Wifi Systems
- Pager Systems
- Site Surveys



### RFID

- RFID Printers
- RFID Readers
- RFID Tags

## Shop By Industry



### Education/Libraries

Timesaving printing solutions to meet all your staff, student & asset identification needs. Need **Labels and Printers**? From **scanners to receipt printers**, whatever your needs, we are here to help.



### Retail Stores

Keep customers coming back and keep stock from running out. Check out our range of **scanners, cash drawers, receipt printers and cash registers**.



### Cafes/Restaurants

We can help you to decrease lines for your customers, complete tableside transactions, or reward patrons with **loyalty cards**. From cash registers to touch screen systems we can assist.



### Warehouse Management

Our superior **warehousing solutions** will allow your business to provide comprehensive, up-to-date information and streamline your processes to improve efficiency.



### Construction

Keep track of your inventory and stop inventory shrinkage. Our inventory tracking software allows you to easily keep control of your stock.



### Hospitals/Healthcare

Improve patient care with the accurate identification of patients, medications, samples, treatments, lab results & records. We have a huge range of **label printers, consumables & scanners**.



### Transport & Logistics

Track materials through your facility or through your supply chain using **labels, barcode scanners and portable data terminals**. Optimize your production and information flows.



### Government

We can supply you with all your needs, from **receipt printers and cash drawers, to barcode scanners and label printers**. Less paperwork, data entry and time spent looking up records.



### Mining

Rugged identification solutions help manage assets from the ground up. From **portable data terminals and scanners to software and printers**, we can find a solution to meet your needs.

## Shop By Brand

