

# 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, 802.11 a/b/g/n Wi-Fi with Bluetooth 4.2
- Powerful firmware: TSPL-EZD, file manager, BASIC programming, stand-alone programming
- 2-year limited warranty
- ENERGY STAR® qualified
- Cerner certified

### 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> </ul>	<ul style="list-style-type: none"> <li>• RS-232</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>• 802.11 a/b/g/n Wi-Fi with Bluetooth 4.2 (factory 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> </ul>	<ul style="list-style-type: none"> <li>• RS-232</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>• 802.11 a/b/g/n Wi-Fi with Bluetooth 4.2 (factory 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 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, TELEPEN, PLANET, Deutsche Post Identcode, Deutsche Post Leitcode</li> <li>• 2D bar code 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-EZD (Compatible to EPL, ZPL, ZPL II, DPL)			
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, 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>• Real time clock</li> <li>• 802.11 a/b/g/n Wi-Fi with Bluetooth 4.2</li> </ul>	<ul style="list-style-type: none"> <li>• Real time clock</li> </ul>	<ul style="list-style-type: none"> <li>• Real time clock</li> <li>• 802.11 a/b/g/n Wi-Fi with Bluetooth 4.2</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 roll mount with 3" core label spindle</li> <li>• Sleeve adapter</li> <li>• KP-200 Plus keyboard display unit</li> </ul>			



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