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
- Cerner certified
- 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) 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	• 4 MB Flash memory • 8 MB SDRAM • SD Flash memory card reader for Flash memory expansion, up to 4 GB	• 128 MB Flash memory • 64 MB SDRAM • SD Flash memory card reader for Flash memory expansion, up to 32 GB	• 4 MB Flash memory • 8 MB SDRAM • SD Flash memory card reader for Flash memory expansion, up to 4 GB	• 128 MB Flash memory • 64 MB SDRAM • SD Flash memory card reader for Flash memory expansion, up to 32 GB
Interface	• RS-232 • Centronics • USB 2.0 • Internal Ethernet, 10/100 Mbps	• RS-232 • Centronics (factory option) • USB 2.0 (High speed mode) • Internal Ethernet, 10/100 Mbps • USB Host	• RS-232 • Centronics • USB 2.0 • Internal Ethernet, 10/100 Mbps	• RS-232 • Centronics (factory option) • USB 2.0 (High speed mode) • Internal Ethernet, 10/100 Mbps • USB Host
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	• 1 power switch • 1 feed/pause button • 1 LED with 3 colors (red, green, amber)	• 1 power switch • 6 operation buttons (menu, feed/pause, up, down, left, right) • 1 LED with 3 colors (red, green, amber) • 2.3" color TFT display, 320 x 240 pixel	• 1 power switch • 1 feed/pause button • 1 LED with 3 colors (red, green, amber)	• 1 power switch • 6 operation buttons (menu, feed/pause, up, down, left, right) • 1 LED with 3 colors (red, green, amber) • 2.3" color TFT display, 320 x 240 pixel
Sensors	• Gap transmissive sensor • Black mark reflective sensor (position adjustable) • Head open sensor • Ribbon end sensor			
Internal fonts	• 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font			
Bar code	• 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, TELEPENN, PLANET, Deutsche Post Identcode, Deutsche Post Leitcode • 2D bar code GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417			
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, ENERGY STAR®			
Environmental concern	Comply with RoHS, WEEE			
Accessories	• Windows labeling software CD disk • Quick start guide • USB cable • Power cord • External universal switching power supply			
Limited warranty	• Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first			
Factory options	• Real time clock	• Centronics parallel (replace USB Host) • Real time clock	• Real time clock	• Centronics parallel (replace USB Host) • Real time clock
Dealer options	• Peel-off module • Guillotine cutter (full cut)			
User options	• External roll mount with 3" core label spindle • Sleeve adapter • KP-200 Plus keyboard display unit • KU-007 Plus programmable smart keyboard			



TSC
The Smarter Choice.

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.
Tel: +1 657 258 0808
E-mail: americas_sales@tscprinters.com

MEXICO
TSC Mexico Representative Office
Tel: +52 (33) 3165 7379
E-mail: americas_sales@tscprinters.com

BRAZIL
TSC Brazil Representative Office
Tel: +55 (11) 99597 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: +7 495 249 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

ENERGY STAR

TESTED CERTIFIED

TSC® is a trademark of TSC Auto ID Technology Co., Ltd.
TSC Auto ID Technology Co., Ltd. is an ISO 9001/14001 registered company.
© 2025 TSC Auto ID Technology Co., Ltd.
Product models and Specifications are subject to change without notice.
Contact your TSC sales representative for specific information.

20251030