

## TC310 Desktop Clamshell Thermal Transfer Printer, 300 dpi, 4 ips, LCD, USB+RS232+LAN, RTC

The TSC™ TTP-TC200 series of desktop thermal bar code printer with its small footprint offers the high performance that customers have come to expect from TSC™. Durable, reliable and fast, the TTP-TC200 / TTP-TC300 generates 4-inch-wide labels, tags or receipts at up to 6 ips, offering a price-performance combination that is unmatched by other desktop thermal bar code printers on the market.

The TSC TC series of desktop thermal barcode printers is based on the best features the bestselling TTP-245C Series with some colorful improvements. Like the TTP-245C Series, the TC features has a small footprint and the high performance that customers have expect from TSC. Durable, reliable and fast, TC series printers produce 4-inch-wide labels, tags or receipts at up to 6 ips, offering a price-performance combination that is unmatched by other desktop thermal barcode printers on the market.



TSC printers have the Thermal Smart Control technology, a patented electronic print head temperature control. Print output is sharper because of that technology and, what's even more important, printhead life is several times longer.

The TC Series is designed for ease of use. Media and ribbons are easy to install. The printer uses thermal transfer ribbons of up to 110 meters in length on 0.5" notched cores. The media cabinet holds label rolls up to 5 inches in diameter on 1" or 1.5" cores and are easily loaded into a center biased spring loaded roll holder.

### Key Features of TSC TTP-TC200 / TTP-TC300 Desktop Bar Code Printer:

- Space-saving design
- Fast 200 MHz processor
- 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 and media loading
- 2.3" color TFT Display for TC210 & TC310 only
- Durability and reliability
- Multiple interfaces: USB 2.0, serial, \*parallel, \*\*USB host and Ethernet: \* Standard for TC200 and TC300, Option for TC210 & TC310, \*\*

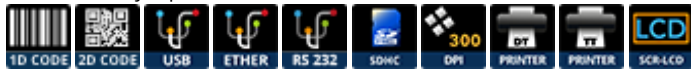
Standard for TC210 and TC310 only

- Smart Thermal Control technology significantly extends printhead life and ensures sharper print output
- Fully adjustable sensors
- Powerful TSPL-EZ™ firmware: file manager, BASIC programming, stand-alone programming
- 2-year limited warranty

Loading the media:

YOUTUBE='KlbtHwUazq8'

YOUTUBE='TTy4hp8sEhM'



# Technical Description

|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| Functionality & Operation |                                                                       |
| Print resolution          | 300dpi                                                                |
| Print speed               | 102mm/sec (4 ips)                                                     |
| Maximal print width       | 105mm                                                                 |
| Maximal print length      | 11430mm                                                               |
| Memory                    | 128MB Flash                                                           |
| Memory                    | 64MB DRAM                                                             |
| Expansion slot            | SD Card (SDHC)                                                        |
| Communication interface   | RS232, USB, Ethernet, USB Host                                        |
| Operation interface       | ON/OFF, 7x button                                                     |
| Display type              | 2,3" TFT color                                                        |
| Fonts                     | 8 alpha-numeric bitmap fonts                                          |
| Fonts                     | CG Triumvirate Bold Condensed scalable font                           |
| Print mode                | direct thermal, thermal-transfer                                      |
| CPU Type                  | 32-bit RISC                                                           |
| Fonts & barcode rotation  | 0°, 90°, 180°, 270°                                                   |
| Commands set              | TSPL-EZ                                                               |
| 1D Barcode Symbolologies  | All standard one-dimension barcodes                                   |
| 2D Code Symbolologies     | all standard 2D-Codes                                                 |
| Optical                   |                                                                       |
| Sensors                   | ribbon end sensor, open print-head detector, transmissive, reflective |
| Electrical                |                                                                       |
| Power Source              | 100-240V, 50-60Hz                                                     |
| Mechanical                |                                                                       |
| Weight                    | 2.3kg                                                                 |
| Body housing              | double-walled plastic                                                 |
| Dimensions                | Width: 259.3mm, Height: 203mm Length: 191.5mm                         |
| Color                     | black                                                                 |
| Consumables               |                                                                       |
| Minimal label length      | 10mm                                                                  |
| Maximal roll diameter     | 127mm                                                                 |
| Max. ribbon length        | 110m                                                                  |
| Media type                | black-marked media, continuous, fan-fold, notch, perforated           |
| Ribbon width              | 40 to 110mm                                                           |
| Media core diameter       | 25.4 to 38.1mm                                                        |
| Minimal paper width       | 20mm                                                                  |
| Maximal paper width       | 112mm                                                                 |
| Media thickness           | 0.06 to 0.19mm                                                        |

## Environment

|                       |           |
|-----------------------|-----------|
| Operating temperature | 5 to 40°C |
|-----------------------|-----------|

|                     |             |
|---------------------|-------------|
| Storage temperature | -40 to 60°C |
|---------------------|-------------|

|                                     |           |
|-------------------------------------|-----------|
| Operating humidity (non-condensing) | 25 to 85% |
|-------------------------------------|-----------|

|                                   |           |
|-----------------------------------|-----------|
| Storage humidity (non-condensing) | 10 to 90% |
|-----------------------------------|-----------|

## Others

|                |                                                                     |
|----------------|---------------------------------------------------------------------|
| Certifications | FCC (Class B), C-Tick Class B, CE Class B, UL, cUL, TÜV/Safety, CCC |
|----------------|---------------------------------------------------------------------|

|          |                                                                                                                            |
|----------|----------------------------------------------------------------------------------------------------------------------------|
| Warranty | 2 years (printer), 25000 m or 12 months (print head), 50000 m or 12 months (printing cylinder), approved material CODEWARE |
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### CODEWARE, s.r.o.

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