TSC TE300 Desktop Thermal Transfer Bar Code Printer, 300 dpi, 5 ips



The new TE200 Series of 4” wide desktop-class thermal label printers were designed and built to deliver best in-class performance at a price other printers simply can’t match. The TE200’s modular thermal transfer print mechanism protected by an outer ABS shell is designed to withstand tough environments. These affordable, hardworking printers will print high quality labels all day long, producing thousands of clear, crisp barcode and identification labels per day. TSC has been building economical desktop thermal transfer printers that feature rugged dual gear-driven motors and large 300 meter ribbon capacity for over 15 years.



The two available models include the TE200 which offers the industry standard 8 dots per mm (203 dpi) print resolution at an industry best 6 inches per second, and the 12 dots per mm (300 dpi) TE300 for use with printing small fonts, barcodes, or graphics. The TE200 Series offer customers a great combination of price and performance, that features a fast 400 Mhz processor, 16 MB of DRAM and 8 MB of Flash storage memory, so you never have to wait for your labels to start printing. Innovations include energy saving Energy Star 2.0 rating matched with an easy to load print mechanism. The printer will take both 1/2” core 72 meter to 110 meter, or 1” core 300-meter thermal transfer ribbons allowing customer to use whichever supply of ribbons they have available. The TE200 offers multiple printer language emulations right out of the box, and a powerful scalable font engine which makes it easy to replace nearly any existing label printers.
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.

Key Features:

- 152.4 mm (6”) per second print speed
- 300 meter (984”) ribbon supply on a 25.4 mm (1”) core (coated outside)
- 72 to 110 meter (361”) ribbon supply on a 12.7 mm (0.5”) core (coated outside)
- 127 mm (5”) OD internal media supply, optional external media holder supports 214 mm (8.4”) OD label rolls on 76.2 mm (3”) core
- Print mechanism for kiosk applications
- 400 MHz 32-bit RISC processor with 16 MB SDRAM, 8 MB Flash memory
- Internally scalable true type fonts
- TSPL-EZ™ firmware emulates TPLE and TPLZ languages out of the box
- Free Windows® drivers and label design software (available via download)
- ENERGY STAR® qualified
- Smart Thermal Control technology significantly extends printhead life and ensures sharper print output

Video: Loading the media

Unboxing:

Technical Description:

Functionality & Operation	
Print speed	127mm/sec
Print resolution	300dpi
Maximal print width	105.6mm
Maximal print length	1016mm
Minimal label length	0 10 - 1016 mm
Print mode	thermal-transfer, direct thermal
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	GS1 DataBar Composite Code, Data Matrix, MaxiCode, Aztec, PDF417, QR code, MicroPDF417
Commands set	TSPL-EZ TM (Compatible to EPL, ZPL, ZPL II) or CPCL emulation
CPU Type	32-bit RISC
Memory	16MB DRAM 8 MB Flash
Communication interface	USB
Fonts	8 alpha-numeric bitmap fonts, Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Fonts & barcode rotation	0°, 90°, 180°, 270°
Optical	
Sensors	Transmissive gap sensor,Black mark reflective sensor,Head open sensor
Electrical	
Power Source	External adapter
Mechanical	
Dimensions	Width: 204mm, Height: 164mm, Length: 280mm
Weight	2.4kg
Body housing	ABS plastic
Color	black
Consumables	
Maximal paper width	112mm
Maximal roll diameter	127mm
Media type	continuous, die-cut, black-marked media, fan-fold, notch
Ribbon width	40 to 110mm
Max. ribbon length	300m
Media thickness	0.06 to 0.19mm
Media core diameter	25.4 to 38mm
Environment	
Operating temperature	5 to 40°C
Storage temperature	-40 to 60°C
Storage humidity (non-condensing)	10 to 90%
Operating humidity (non-condensing)	25 to 85%
Others	
Certifications	FCC Class A, CE Class A, C-Tick Class A, UL, cUL, TÜV/Safety, CCC, RoHS, REACH, WEEE
Warranty	2 years

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