

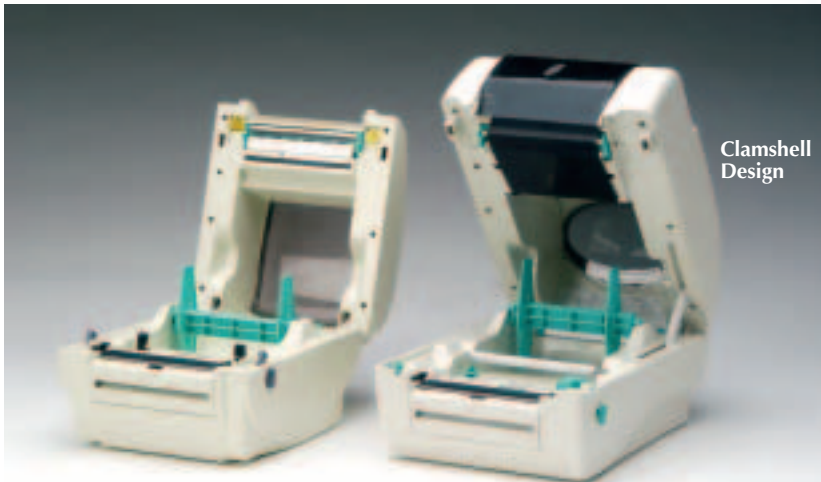


Optional
KP2000
Keyboard

Optional
Battery Pack

TSC INTRODUCES THE TTP-245 SERIES DESKTOP THERMAL PRINTERS

The Ultimate Compact Solution for Barcode Printing.



Clamshell
Design



Connecting Your Thermal Printing Needs.™

TSC TDP-245/TTP-245

TSC is proud to announce the fastest, most versatile, user-friendly desktop printers to ever come to market. Available in both thermal transfer and direct thermal printer models, the machines offer speeds of up to five inches per second with a 203 DPI resolution. Standard memory is two megabytes of operating DRAM, and one megabyte of addressable FLASH with an option for up to eight MB of additional FLASH memory. The TTP-245 series feature serial, parallel and USB communications ports standard, and offers an optional Ethernet LAN interface for networked installations. Various command languages can be flashed into the printer including TSC's TSPL language and EPL2 and DPL emulations. Easy to maintain, the printhead and platen can be replaced by inexperienced users without tools. All TSC printers feature a 2 year limited warranty.

All printers in the series feature a user-friendly clamshell design with a large center biased media capacity. Simply open the cover and drop your labels into the printer. Top of form sensing by gap, black mark, or notch is standard, and completely adjustable from side to side. Labels stored inside the printer can be up to a 5" outer-diameter roll on a one-inch core. Using an optional external media hanger, a full 8" outer diameter roll of labels on a 3" core can be used.

The flagship TTP-245 has more features than ever before in a small package. The TTP-245 features the strongest and most durable thermal transfer mechanism in the industry. Its innovative two-motor gear-driven design provides enough horsepower to handle 300 meter long ribbons, and up to 8" OD rolls of labels. Two motors instead of one generate lower torque, more durability and quiet operation. Loading ribbons has never been easier and the 300 meter capacity is more than three times longer than the industry standard for desktop printers.

The TDP-245 offers direct thermal printing in a small compact case. By removing the thermal transfer mechanism; we have reduced the size of the printer case while maintaining all the benefits of the series. The TDP-245 features five inch per second speed, 203 dpi resolution in an easy to load clamshell direct thermal printer in a small package.

Add an optional TSC Keyboard or Battery Pack to build a complete stand-alone mobile system. TSC makes it easy to develop powerful stand-alone and mobile desktop applications. Use the TSC KP-200 keyboard (starting from \$195) and our version of LabelView XLT+ that is provided free with every TSC printer and build a stand-alone printing solution in minutes. Simply design your label formats, including variable fields for text and barcodes. Upload your label designs to the printers flash memory and attach the KP-200 keyboard. Using the keyboard you can call up stored labels, enter variable data and select the number of labels to print. By attaching your favorite scanner to the keyboard serial port, you can even enter data directly from your scanner. To make the entire stand-alone system mobile, add the optional TSC lithium-ion battery pack (\$250 list price) and your system can go anywhere your cart can go. The TSC lithium ion battery pack is designed specifically for use with all TSC desktop printers, provides power for 8 hours of stand-by use and prints up to 2,000 inches of labels on a single charge. *TSC is supported by major label design software partners.*

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Value. Performance. Support.

TDP-245 TTP-245

Specifications

Printer	Printing method	Direct Thermal and/or Thermal Transfer	
	Model name	TTP-245, TDP-245	
Mechanism	Head density	203 dpi (8 dots/mm)	
	Max. Print width	108mm	
	Max. Print length	39.3" (999mm)	
	Printing speed	2, 3, 4, 5 ips selectable, 2, 3 ips for peeler function	
Enclosure	Material	Double-walled Plastic	
	Operation panel	One Push Switch, One Indicator Led (Two Color)	
Hardware	Sensors	Label gap Reflective (position adjustable) easy to clean Head open	
	Memory Interface	Flash ROM (1MB), DRAM (2M bytes) RS232 (maximum baud rate 19,200 bps) Parallel: SPP / ECP(TBD) USB 1.1	
	Cutter (option)	Full, 116 mm width Paper thickness 0.2mm, 100g/m2, MCBF 500,000 Paper thickness 0.25mm, 280g/m2, MCBF 250,000	
	Power	100-240V universal switching power supply (external adapter)	
Firmware	Font	Five alpha-numeric fonts, Outline font, OCR-A, OCR-B	
	Font and Barcode direction	0,90,180,270 degrees Barcode Code 39, Code 39C, Code 93, Code128UCC, Code128 subsets A.B.C, Code 11, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digital add-on, MSI, PLESSEY, POSTNET, 2D Barcode PDF-417, Maxicode, DataMatrix, MicroPDF417	
	Command set:	TSPL2, EPL2, DPL	
Software	Application S/W	LabelView XLT+ Windows driver FOR 95,98,NT, 2000, XP	
Media	Paper Type:	Label (Continuous, die-cut, Fan-fold with guide) Width: 19 ~ 118mm (0.75" ~ 4.4") and 19~60mm(0.75"~2.36") Length: 10 ~999mm (0.4 ~ 39.3") Length (without peel and cutter): 6 ~999mm (0.2 ~ 39.3") Paper thickness: 0.06 ~ 0.25mm Roll diameter: 5.5" Roll core diameter: 25.4mm ~ 76.2mm(1"~ 3") Black mark Height: 1.5mm(Min.) Black mark width: 8mm(Min.) Vertical bias: 1mm(Max.) Horizontal bias: 1mm(Max.) Ribbon (TTP-245) Width: 25.4 ~ 114.3mm and 25.4~60mm Length: 300m (Max.) Outside Diameter: 2.5"(67mm) Max. Coated Side Out	
Environment	Operation	5 ~40C	
	Storage:	-10 ~ 60C, Humidity: 20 ~ 95%	
EMI		CE class B (EN60950, EN55022, EN55024, EN61000-3-2, EN61000-3-3), FCC class B, VCCI	
Safety		UL, CUL, TUV, C-Tick, T-mark (power supply only)	
Option		Ribbon end sensor, Label taken sensor, Real time clock, Buzzer	
External		KP200 Keyboard display unit, External LAN adapter, External Memory card (1M to 4M bytes),	
Option		Liner less printing capability, External roll mount (O.D. 214 mm with 1" core)	
Special Features		Easy to maintain. Operator can replace printhead and platen without using any tools or adjustments. FLASH upgradeable Firmware	
Package		Included CD, Ribbon for TT, Label (TT or DT), USB Cable and Quick installation guide	
Pack/Charger	Input	115/230 VAC , 60/50 Hz	
	Output	22.8 VDC / 1.8A	
	Specification	Battery Pack Voltage: 22.8V Weight: 1.8 Kg (battery assembly: 1.3 Kg, housing: 0.5 Kg) Size: 30 mm (W) x 210 mm (H) x 260 mm (L) Rated Capacity: 2.2Ah Storage Temperature : -40~50°C Discharge Temperature : -20~50°C Charge Temperature : 0~45°C	
Operation		Standby 8 hours and printing 2000 inches (Print width 4 inches, printing ratio 15%, Speed 4 IPS). Charge/Discharge cycle guarantee 500 times. Product guarantee 1 year.	