

A "PLUS" VERSION OF A MOST DURABLE AND POWERFUL DESKTOP LABEL PRINTER!

**MAKRO
IDENT**

AutoID Technologie-Center



TTP-245 PLUS . TTP-343 PLUS DESKTOP THERMAL TRANSFER BAR CODE PRINTER

TSC is proud to introduce a "Plus" version of its best-selling line of printers, the TTP-245 Plus series. With enhanced electronics, TSC TTP-245 Plus series offers standard memory of 2 MB FLASH, 8 MB SDRAM and a slot for SD card that users can inexpensively expand FLASH storage up to 4 GB. The printer is equipped with a 32 bit microprocessor for fast label processing and throughput, at print speed up to 5 ips with 203 dpi resolution and 3 ips with 300 dpi version.

TTP-245 Plus series features serial, parallel and USB 2.0 communication ports standard, and offers an on-board, lesser-cost internal Ethernet LAN interface option for network installation. The user-friendly clamshell design with double-walled construction makes TTP-245 Plus series easy-to-use and the strongest thermal transfer mechanism in the industry.

Its innovative Dual-Motor gear driven design provides enough horsepower to handle 300 meter long ribbons and up to 8.4" OD rolls of labels. Two motors instead of one generate lower torque, more durability and quiet operation. The ribbon capacity of 300 meter is more than three times longer than industry standard for desktop printers.

TSC now ships TSPL-EZ™ firmware in TTP-245 Plus series. TSPL-EZ™ offers unparalleled ease of use by supporting three different printer languages out of the box including TSC printer language, TPLE (Translation Printer Language Eltron®) and TPLZ (Translation Printer Language Zebra®). TSPL-EZ™ also features internal scalable True Type fonts using the Monotype® font engine and offers powerful programming tools for integration into many applications. All TSPL-EZ™ printers are supported by Windows drivers developed by Seagull Scientific.



Value . Performance . Support

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DESKTOP THERMAL TRANSFER BAR CODE PRINTER

SPECIFICATIONS

Printer Model	TTP-245 Plus	TTP-343 Plus
Resolution	203 DPI	300 DPI
Printing method	Thermal Transfer & Direct Thermal	
Print speed	2, 3, 4, 5 ips 2, 3 ips selectable with peel function	2, 3 ips selectable
Max. print width	108 mm (4.25")	104 mm (4.09")
Max. print length	2,286 mm (90")	1,016 mm (40")
Enclosure	Double-walled plastic	
Physical dimension	314 mm (L) x 213 mm (W) x 188 mm (H) 12.36" (L) x 8.39" (W) x 7.40" (H)	
Label roll capacity	127 mm (5") OD	
Processor	32-bit RISC CPU	
Memory	<ul style="list-style-type: none"> • 2 MB FLASH memory • 8 MB DRAM • SD card slot for memory expansion 	
Interface	<ul style="list-style-type: none"> • RS-232 (max. 115,200 bps) • Centronics • USB 2.0 (full speed mode) 	
Power	AC Input: 100-240V universal switching power supply DC output: 24V 3.75A (external adaptor)	
Operation switch, button	One power switch & feed button	
Sensors	<ul style="list-style-type: none"> • Gap transmissive sensor • Moveable black mark reflective sensor • Head open sensor • Ribbon end sensor 	
Internal font	<ul style="list-style-type: none"> • 8 alpha-numeric bitmap fonts • One Monotype® Imaging CG Triumvirate Bold Condensed scalable font 	
Bar code	1D bar code Code 39, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 (5) digits add-on, MSI, PLESSEY, POSTNET, China Post 2D bar code PDF-417, Maxicode, DataMatrix, QR Code	
Font & barcode rotation	0, 90, 180, 270 degrees	
Printer language	TSPL-EZ™	
Media type	Continuous, die-cut, black mark, fan-fold, notch	
Media wound type	Outside wound	
Media width	20~112 mm (0.78" ~ 4.4")	
Media thickness	0.06~0.19 mm (2.3 ~ 7.4 mil), max. 150 g/m ²	
Media core diameter	25.4~76.2 mm (1"~3")	
Label length	10~2,286 mm (0.39"~90")	10~1,016 mm (0.39"~40")
Environment condition	Operation: 5~40°C (41~104°F), 25~85% non-condensing Storage: -40~60 °C (-40~140 °F), 10~90% non-condensing	
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TUV/Safety, CCC	
Accessories	<ul style="list-style-type: none"> • BarTender UltraLite CD disk • Quick start guide • USB cable • External universal switching power supply • Power cord • Label spindle, fixing tab x 2, 1.5" core adapter x 2 • Ribbon spindle x 2 • Ribbon rewind spindle paper core 	
Limited warranty	<ul style="list-style-type: none"> • Printer: 2 years • Print head: 1 million inches (25 Km) or 12 months which comes first since delivery from TSC • Platen: 50 Km 	
Factory option	<ul style="list-style-type: none"> • Real time clock • Main board intergrated with internal Ethernet 	
Dealer option	<ul style="list-style-type: none"> • Peel off module assembly • Guillotine cutter • Full cut: Paper thickness: 0.06~0.19 mm, 500,000 cuts • Partial cut: Paper thickness: 0.06~0.12 mm, 500,000 cuts • Paper thickness: 0.19 mm, 200,000 cuts 	
User option	<ul style="list-style-type: none"> • Internal Ethernet print server module • Keyboard display unit (KU-007 Plus and KP-200) • External Ethernet print server • External roll mount, media OD. 214 mm (8.4") with 1" or 3" core • 3" core label spindle • Contact CCD bar code scanner • Long range linear image bar code scanner • Laser bar code scanner 	

