# TDP-245 / TTP-245

## The ultimate compact solution for barcode printing

**TSC is proud to announce the fastest most versatile, user friendly desktop printers to ever come to the market.** Available in both thermal transfer and direct thermal printer models, the machines offer speeds of up to five inches per second with a 203dpi resolution. Standard memory is 2MB of operating DRAM, and 1MB of addressable FLASH with an option for up to 8MB of additional FLASH memory. The TTP-245 series feature serial, parallel and USB communications ports as standard, and an optional Ethernet LAN interface for networked installations. Various command languages can be flashed into the printer including TSC's TSPL language and EPL2, ZPL2 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 centre biased media capacity.** Simply open the cover and drop your lables into the printer. Top of form sensing by gap, black mark or notch is standard, and completely adjustable from side to side. The printer can take upto a 5" outer-diameter roll on a 1 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 metre long ribbons, and up to 8" OD rolls of lables. Two motors instead of one generate lower torque, more durability and quiet operation. Loading ribbons has never been easier and the 300 metre 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 direct thermal printer.

**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 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 formats 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 favourite 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 Ni-MH battery pack and your system can go anywhere your cart can go. The TSC Ni-MH battery pack is designed specifically for use with all TSC desktop printers and provides power for 8 hours of stand-by use and prints up to 2,000 inches of labels on a single charge.

**Maxatec**
**barcode printers**

**TSC**
*Connecting Your Thermal Printing Needs.™*

# TDP-245/TTP-245

| Printer | |
|---|---|
| Printing Method | Thermal Transfer and/or Direct Thermal |
| Model Name | TTP-245, TDP-245 |

| Mechanism | |
|---|---|
| Head Density | 203dpi (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 (2 colour) |

| Hardware | |
|---|---|
| Sensors | Label gap transmissive sensor, Black mark reflective sensor (position adjustable), Head open, Ribbon end |
| Memory | Flash ROM (1MB), DRAM (2MB) |
| Interface | RS232 (max. baud rate 19,200 bps), Parallel: SPP mode, USB 1.1, Ethernet (optional) |
| Cutter (option) | Full cut, 118mm width, paper thickness 0.06 ~ 0.19mm, MCBF 50,000 |
| Power | 100-240V universal switching power supply (external adapter) |

| Firmware | |
|---|---|
| Font | 8 Alpha-numeric bitmap fonts, 1 true type font |
| Font and Barcode Direction | 0, 90, 180, 270°, 1D Barcode: Code 39, Code 39C, Code 93, Code 128UCC, Code 128 subsets 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 |
| Command Set (optional sets) | TSPL2 EPL2, DPL, ZPL2 (optional) |
| Software | NiceLabel or LabelView XLY+ Windows® 95, 98, NT, 2000 and XP |

| Media | |
|---|---|
| Paper Type | Label (continuous, die-cut, fan-fold with guide), Width: 20~112mm (0.78~4.4"), Length (without peel and cutter); 10~999mm Paper thickness 0.06~0.19mm, Roll Diameter: 5" O.D. Roll Core Diameter: 25.4mm ~ 76.2mm (1"-3"), Black mark height: 2mm (min.) Black mark width: 8mm (min.) Ribbon (TTP-245) Width: 25.4~110mm (max.) Ribbon capacity: 300m (max.) 1" core Outside Diameter: 2.5" (67mm) max. Coated side out |

| Environment | |
|---|---|
| Operation | 5~40°C, 25~85% non-condensing |
| Storage | -40~60°C, 10~90% non-condensing |
| EMI | CE class B (EN60950, EN55022, EN55024, EN61000-3-2, EN61000-3-3), FCC class B |
| Safety | UL, CUL, TUV, C-Tick, CCC, BSMI, T-mark (power supply only) |
| Option | Label taken sensor, Real time clock, Buzzer |
| External | KU007 Plus, KP200 Keyboard display unit, external LAN adapter (TDP-245), internal LAN adaptor (TTP-245) external memory card (2, 4, 6, 8MB) |
| Option | Linerless printing capability, external roll mount (OD 214mm 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), parallel port cable, Quick Start Guide, auto switching power supply, power cord, label spindle, fixing tab x 2, 1.5" core adaptor x 2, ribbon spindle x 2 and ribbon rewind spindle paper core |

| Battery Pack/Charger | |
|---|---|
| Input | 115/230 VAC, 60/50 Hz |
| Output | 22.8 VAC / 1.8A |
| Specification | Battery Pack Voltage: 22.8V Weight: 1.8 Kg (battery assembly: 1.3Kg, housing: 0.5Kg) Size: 30mm (W) x 210 (H) x 260 (L) Rated Capacity: 2.2Ah Storage Temperature: -40~50°C Discharge Temperature: -20~45°C Charge Temperature: 0~45°C |
| Operation | Standby 8 hours and printing 2000 inches (Print width 4 inches, printing ratio 15%, speed 4ips) Charge/Discharge cycle guarantee 500 times Product guarantee 1 year |

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Issue 1 - 2006

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