

# TSC

The Smarter Choice.



## **TTP-243 PRO SERIES** – Desktop Thermal Transfer Bar Code Printer **YOU CAN COUNT ON IT!** **THE NEW LEGENDARY TTP-243 PRO HAS ARRIVED!**



### KEY FEATURES

- Dual-motor print engine
- 4 MB Flash and 8 MB SDRAM memory
- Optional SD card reader for expanding memory up to 4 GB
- Ribbon capacity up to 300 m (984 feet)
- Label capacity up to 214 mm (8.4") OD
- Serial & USB 2.0 connectivity are standard
- Optional serial & parallel ports
- Optional stand-alone keyboard display unit, rotary cutter, and Bluetooth module

### APPLICATIONS

- Shipping & Receiving
- Compliance Labeling
- Asset Tracking
- Inventory Control
- Document Management
- Shelf Labeling
- Product Marking
- Specimen Labeling
- Patient Tracking

# TTP-243 PRO SERIES – Desktop Thermal Transfer Bar Code Printer

PRINTER MODEL	TTP-243 PRO	TTP-243E PRO	TTP-342 PRO
Resolution	8 dots/mm (203 DPI)	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Thermal Transfer & Direct Thermal		
Max. print speed	76 mm (3")/second	76 mm (3")/second	51 mm (2")/second
Max. print width	104 mm (4.09")	104 mm (4.09")	104 mm (4.09")
Max. print length	2,286 mm (90")	2,286 mm (90")	1,016 mm (40")
Enclosure	ABS plastic		
Physical dimension	232 mm (W) x 156 mm (H) x 288 mm (D) 9.13" (W) x 6.14" (H) x 11.34" (D)		
Weight	2.5 kg (5.51 lbs)		
Label roll capacity	Internal: 110 mm (4.33") OD External: 214 mm (8.42") OD	Internal: 110 mm (4.33") OD External: 214 mm (8.42") OD (Optional)	Internal: 110 mm (4.33") OD External: 214 mm (8.42") OD
Ribbon	300 m long, max. OD 67 mm, 1" core (ink coated outside)		
Ribbon width	40 mm ~ 110 mm (1.6" ~ 4.3")		
Processor	32-bit RISC CPU		
Memory	<ul style="list-style-type: none"> <li>• 4 MB Flash memory</li> <li>• 8 MB SDRAM</li> <li>• SD card reader for Flash memory expansion, up to 4 GB (user option)</li> </ul>		
Interface	<ul style="list-style-type: none"> <li>• USB 2.0</li> <li>• RS-232</li> <li>• Centronics (factory option)</li> <li>• Bluetooth (user option)</li> </ul>		
Power	External universal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V, 1.8A, 50-60Hz</li> <li>• Output: DC 24V, 2.5A, 60W</li> </ul>		
Operation switch, button, LED	1 power switch, 1 feed button, 1 pause button & 3 LEDs (Power, Error, On-line)		
Sensors	<ul style="list-style-type: none"> <li>• Transmissive gap sensor</li> <li>• Black mark reflective sensor</li> <li>• Ribbon end sensor</li> <li>• Peel off sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Transmissive gap sensor</li> <li>• Black mark reflective sensor</li> <li>• Ribbon end sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Transmissive gap sensor</li> <li>• Black mark reflective sensor</li> <li>• Ribbon end sensor</li> <li>• Peel off sensor</li> </ul>
Internal fonts	<ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• 1D bar code</li> </ul>		
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, RSS-Stacked, GS1 DataBar, Code 11 <ul style="list-style-type: none"> <li>• 2D bar code</li> </ul> PDF-417, Maxicode, DataMatrix, QR Code, Aztec		
Font and barcode rotation	0, 90, 180, 270 degree		
Printer language	TSPL, TPL		
Media type	Continuous, die cut, fan-fold, tag, black mark, ticket (outside wound)		
Media width	25.4 ~ 114 mm (1" ~ 4.49")		
Media thickness	0.06 ~ 0.25 mm (2.36 ~ 9.84 mil)		
Media core diameter	25.4 ~ 76.2 mm (1" ~ 3")		
Label length	10 ~ 2,286 mm (0.39" ~ 90")	10 ~ 2,286 mm (0.39" ~ 90")	10 ~ 1,016 mm (0.39" ~ 40")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing		
Safety regulation	FCC Class A, CE Class A, C-Tick Class A, TÜV/Safety, CCC		
Environmental concern	Comply with RoHS, WEEE		
Accessories	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• External universal switching power supply</li> <li>• Label spindle, fixing tab x 2</li> <li>• Ribbon spindle x 2</li> <li>• Ribbon paper core</li> <li>• Ribbon &amp; label sample roll</li> <li>• External label roll mount</li> </ul>	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• External universal switching power supply</li> <li>• Label spindle, fixing tab x 2</li> <li>• Ribbon spindle x 2</li> <li>• Ribbon paper core</li> </ul>	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• External universal switching power supply</li> <li>• Label spindle, fixing tab x 2</li> <li>• Ribbon spindle x 2</li> <li>• Ribbon paper core</li> <li>• Ribbon &amp; label sample roll</li> <li>• External label roll mount</li> </ul>
Limited warranty	Printer: 2 years Print head: 25 km (1 million inches) or 12 months which comes first Platen: 50 km (2 million inches) or 12 months which comes first		
Factory options	<ul style="list-style-type: none"> <li>• Centronics parallel &amp; RS-232 serial interfaces</li> <li>• Position centered gap sensor</li> </ul>		
Dealer options	• Rotary cutter (full cut)	N/A	• Rotary cutter (full cut)
User options	<ul style="list-style-type: none"> <li>• Bluetooth module (serial interface)</li> <li>• SD Flash memory card reader</li> <li>• 3" core label spindle</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul> N/A	<ul style="list-style-type: none"> <li>• External roll mount, media OD. 214 mm (8.4") with 1" or 3" core label spindle</li> </ul> N/A	



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