

TSP100 futurePRNT Series



The lowest cost, high quality POS printer available today with **ALL** accessories and software included



SPEED IS EVERYTHING



In the fast moving world of retail and hospitality, speed is everything.

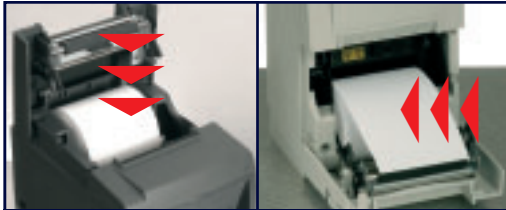
So welcome to the lightning fast TSP100 *futurePRNT*. Capable of printing 25 **R**eceipts **P**er **M**inute (RPM), the new standard in print speed, it is the only POS printer capable, today, of printing TrueType fonts at the same speed as any other, outclassing most of its nearest rivals – in fact, in some cases, it is up to 4 times faster!!

Check out page 27 for all the facts and figures.

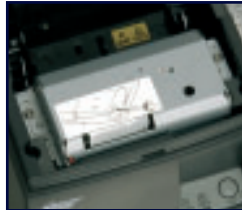
- Sophisticated, high performance thermal receipt printer with tear bar or autocutter (guillotine)
- The most “complete” POS printer available today with all accessories included with the printer:
 - ★ 1.8m full speed 2.0 USB interface cable with virtual serial emulator. Legacy POS software written for serial connection only, can work with this printer through the USB interface
 - ★ Internal power supply with 1.8m power cord
 - ★ Start-Up CD-ROM with drivers for majority of operating platforms including Java-POS™, OPOS™, Apple MAC™ and Windows™ with Microsoft certification (WHQL)
 - ★ Wall mount and vertical operation kits with automatic receipt reversal software for user comfort
 - ★ Power switch cover
 - ★ 58mm paper guide
 - ★ Value-Added Software for Retailers:
 - ★ Receipt Re-design Tool including font replacement (early 2006), cropping and logo / picture placement tools
 - ★ Coupon Marketing Tool
 - ★ Unlimited Image Import Tool (see page 29 for more details)
 - ★ Electronic Journal facility
 - ★ Automatic 2nd Copy feature for security or administration purposes
- All available to work alongside your original POS software*
- ★ Value-Added Software for OEMs, System Builders, Software Developers:
 - ★ Free Customer Software Tools
 - ★ Dedicated Software Developers Kit (SDK)
 - ★ Selectable Pre-view Tool (see page 29 for more details)
- Space saving vertical or horizontal operation from the box with automatic text reversal
- New Star “Intuitive” Compatibility for Microsoft applications including JavaPOS™ & OPOS™
- All printer features available from the printer’s properties page in Windows™. All settings can be stored on the PC and “mirrored” across other TSP100 printers with a simple export configuration feature for mass system installations

TSP113 *futurePRNT*  Tear Bar version

TSP143 *futurePRNT*  Autocutter version



"Drop-In & Print", easy paper loading in either the standard horizontal or space saving vertical position



Robust, high speed guillotine cutter for increased reliability



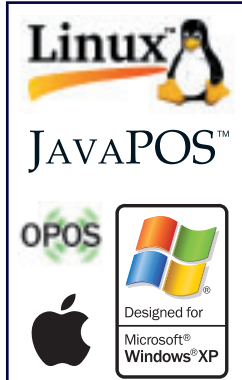
Two-colour output with running costs comparable to other POS technologies



TSP100 wall mount bracket automatically included with printer at purchase with auto text reversal for legible receipts



Free customer software tools for retailers and system builders including the new Star Receipt Re-design Tool and dedicated SDK with the unique Selectable Pre-view Tool



Compatible with majority of POS operating platforms with quality suite of drivers



All accessories included in box at purchase – power and interface cables, wall or vertical mount kit, 58mm paper guide, installation software CD with value-added software

TSP100 Printer Specifications



Printer Method	Direct Thermal Line Printing
Receipt Per Minute Throughput Speed	25 rpm (see page 27)
Printer Case Colour	Star white or Charcoal grey. Other colours available for large volume orders
Print Resolution	203 dpi (8 dots per mm)
2 Colour Print Capability	Red / Black, Blue / Black, Green / Black (special paper required)
Number of Columns	48 / 64 or 53 / 71 dependant on print width
Character Set	ANK 95, 32 Int 128 Graphic plus Chinese, Japanese, Korean, Taiwanese
International Code Pages	Star Mode = 40. ESC/POS™ = 10 + 1 blank allowing an additional character page to be added
Barcodes	Extended barcode functionality – 9 versions / PDF417 & Maxicode (pending)
Line Spacing	3mm or 4mm + programmable
Paper Specifications	Width 80mm Standard, 58 mm with guide fitted Thickness/Weight 0.065mm ~ 0.085mm / 65 ~ 85gsm Roll Diameter up to 83mm Easy-Load "Drop-In & Print" Paper Out Sensor Standard Maximum Print Width 80mm paper = 72mm, 58mm paper = 50.8mm Top Margin 11 mm
Autocutter	Guillotine (Partial Cut Only)
Logo Store Capacity	Unlimited
Drivers Available	Windows™, Mac OSX (10.2 or later), Linux CUPS Support™, OPOS™, JavaPOS™, POS for .NET

Interface / Port	USB 2.0, Full Speed with cable supplied; Virtual Serial Port for Legacy Applications
Emulation	Star Mode, ESC/POS™ (December 2005)
Peripheral Drive Circuit	2 circuits (24V max.1A) 1 Compulsion input
Power Consumption	Average 1.6 Amp. Printing, 0.1 Amp. Standby.
Power Supply	Internal with power cable supplied
Operating Conditions	Temperature 5°C to 45° C Humidity 10% to 90% RH (Without Condensation)
Storage Conditions	Temperature - 20°C to 60°C Humidity 10% to 90% RH (Without Condensation)
Dimensions	142mm (W) x 204mm (D) x 132mm (H)
Weight	Autocutter Model 1.73Kg Tear Bar Model 1.56Kg
Safety Standards	UL, C-UL, TÜV, FCC, VCCI, EN55022, CE, CB
Reliability	MCBF 60 Million Lines Print head 100km Cutter (Guillotine) 1Million Cuts
Accessories / Options	No options available as ALL accessories included with printer. ALL included with Printer Wall Mount Bracket, Auto-Reverse Text Output Software, Vertical Mount Accessory, 58mm Paper Guide, 1.8m Interface Cable, 1.8m Power Cable, Power Switch Cover, Installation CD and Value-Added Software