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star  
TSP100  
futurePRNT  
ECO

## Star | TSP100 futurePRNT ECO

The World's 1st ECO POS Printer designed to reduce Global Warming and Operating Expenditure without costing you more

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[www.Star-EMEA.com](http://www.Star-EMEA.com)

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## TSP100 futurePRNT™ Series Summary

**NEW TSP143 ECO**  
150mm/second Autocutter USB model

## Technical Specifications

Printer Method	Direct Thermal Line Printing
Traditional Print Speed	150mm / second
Printer Case Colour	White or Charcoal Grey.
Print Resolution	203 dpi (8 dots per mm)
Two Colour Print Capability	Red / Black, Blue / Black (special paper required)
No. of Columns (maximum)	Star Mode = 48, ESC/POS™ Font A 42 Font B 56
Character Set	ANK 95, 32 Int 128 Graphic plus Chinese, Japanese, Korean, Taiwanese
International Code Pages	Star Mode = 40 + 1 blank, ESC/POS™ Mode = 10 + 1 blank allowing an additional character page to be added
Barcodes	Extended barcode functionality – 9 versions including QR (PDF417 & Maxicode pending)
Line Spacing	3mm or 4mm + programmable
Paper Specifications:	
Width	80mm Standard, 58mm with guide fitted
Thickness / Weight	0.065mm ~ 0.085mm
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	3mm default with 11mm selectable option.
Autocutter	Guillotine (Partial Cut Only)
Logo Store Capacity	Unlimited
Drivers Available	Windows™ 7 (+64bit support) / Vista™ (+64 bit) / 2000 / XP / XP Embedded / WePOS / CE, Windows™ 98/ME/NT4 (download only), Linux™, Mac OS X, OPOS™, Java-POS™, CUPS™, POS for.Net, USB Vendor Class, Star IO
Interface / Port: TSP100 ECO	All models feature a selectable "Virtual" Serial Port emulator USB 2.0 Full Speed with cable supplied
Emulation	Star Mode, ESC/POS™
Peripheral Drive Circuit	2 circuits (24V max.1A), 1 Compulsion input
Power Supply	Internal with power cable supplied (not TSP100PUSB)
Operating / Storage Conditions:	
Temperature	5°C to 45°C / -20°C to 60°C
Humidity	10% to 90% RH (without condensation)
Dimensions	142mm (W) x 204mm (D) x 132mm (H)
Weight:	
Autocutter Models (Guillotine)	TSP143U – 1.73Kg, TSP143GT – 1.76Kg, TSP143PUSB – 1.53Kg, TSP143LAN – 1.72Kg, TSP143 ECO – 1.72Kg
Tear Bar Models	TSP113U – 1.56Kg, TSP113GT – 1.59Kg, TSP113PUSB – 1.37Kg, TSP113LAN – 1.56Kg
Safety Standards	UL, C-UL, TÜV, FCC, VCCI, EN55022, CE
Reliability:	
MCBF	60 million lines
Print head	100km
Cutter (Guillotine)	1 million cuts
Accessories included with the printer	Wall Mount Bracket Auto-Reverse Text Output Software Vertical Upper Guide (TSP100 ECO only) 58mm Paper Guide 1.8m Interface Cable 1.8m Power Cable Installation CD and futurePRNT Retail Marketing and Set-up Software (Interface and Power cables not included with PUSB versions)
Options	Splash Proof Cover Display Stand for Vertical Use