TSP1000 Series

Versatile, Low Cost Thermal Printers with Receipt / Ticket Stacker
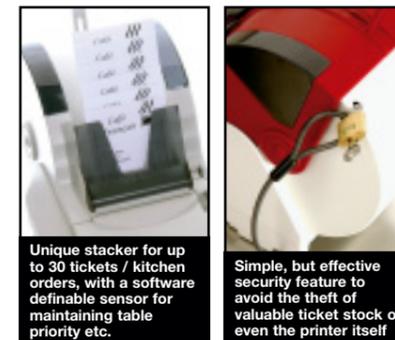

Two-colour output with running costs comparable to other POS technologies

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

"Drop-In & Print" Easy Load

18cm diameter roll

The high capacity 180mm diameter paper roll can provide over 3,000 9cm tickets / food orders

Unique stacker for up to 30 tickets / kitchen orders, with a software definable sensor for maintaining table priority etc.

Simple, but effective security feature to avoid the theft of valuable ticket stock or even the printer itself

Designed specifically for kitchen use with secure stacker for orders, buzzer alarm etc.

45 ~ 82.5mm wide waterproof ticketing facility for all types of labelling – baggage, plants etc.

- High speed output – up to 180mm per second

- "Drop-In & Print ", easy-load

- Large paper roll capacity (up to 180mm diameter) with adjustable paper low sensor

- Ticket Stacker fitted as standard (up to 30 tickets) with fitted sensor for software driven multiple or single ticket / kitchen order print out

- Guillotine cutter

- Multiple paper width (45 ~ 82.5mm adjustable)

- Two colour output available – red / black or blue / black

- Variable position, high quality black mark sensor

- Three colour versions – Cherry red & Star white, charcoal grey or Star white

Typical Applications

- **High Speed Ticket Printer** with high capacity paper roll and ticket stacker for group / family tickets

- **Reliable Kitchen / Warehouse Picking Ticket Printer** with stacker for multiple orders

- **Versatile Receipt Printer** for high volume receipting where the receipts are usually left behind

- **Lottery Printer** 82.5mm print width with 1st column printing

TSP1043D   Serial Interface

TSP1043C   Parallel Interface

TSP1043U   USB Interface

TSP1043   No Interface (interface option can be added)

TSP1000 Printer Specifications

Printer Method	Direct Thermal Line Printing
Print Speed	up to 180mm per second / 57 lps
Print Resolution	203 dpi (8 dots per mm)
2 Colour Print Capability	Red / Black, Blue / Black
No. of Columns (maximum)	Star Mode = 40, ESC/POS™ Font A 42 Font B 64
Character Set	ANK 95, 32 Int 128 Graphic
International Code Pages	Star Mode = 40, ESC/POS™ = 10 + 1 blank allowing an additional character page to be added
Barcodes	9 versions / PDF417 option, Maxicode (pending)
Line Spacing	3mm or 4mm + programmable
Paper Specifications: Width Thickness / Weight Roll Outer Diameter Easy-Load Paper Out Sensor Maximum Print Width Left / Right Margin	 45 ~ 82.5mm (variable with 80mm default) 0.065mm ~ 0.15mm / 65 ~ 150 gsm 180mm (dependant on paper weight) "Drop-In & Print" Standard maximum 80mm 0mm (left or right), 1st column print
Ticket Stacker Ticket Length	30 receipts / tickets maximum with ticket sensor 50 ~ 300mm
Autocutter Cutter position	Guillotine (Full Cut only) Approx. 11mm distance between cutter and top of form
Logo Store Capacity	2 Mbit
Flash ROM / SRAM	2 x 8 Mbit plus 2 x 1 Mbit Static RAM
Drivers Available	Windows 95 / 98 / ME / 2000™, NT4.0™, XP™, MAC OS X (10.2 or later), Linux CUPS Support™, OPOS™, JavaPOS™, High Speed Scalable Raster Driver
Interface / Port	Full Speed USB, Serial & Parallel as standard with Ethernet option
Emulation	Star Line & Page Mode, ESC/POS™
Peripheral Drive Circuit	2 circuits (24V max.1A), 1 Compulsion input
Power Consumption	Average 2.0 Amp Printing, 0.1 Amp Standby
Power Supply	External option PS60
Operating Conditions: Temperature Humidity	 5°C to 45°C 10% to 90% RH (Without Condensation)
Storage Conditions: Temperature Humidity	 -20°C to 60°C 10% to 90% RH (Without Condensation)
Dimensions	161 (W) x 306.5 (D) x 249 (H) mm
Weight	3.0Kg
Safety Standards	UL, C-UL, TÜV, FCC, VCCI, EN55022, CE, CB
Reliability: MCBF Print head Cutter (Guillotine)	 60 million lines 100km 1 million cuts

180mm per second **HIGH SPEED**	**EASY LOAD**	150 gsm / 0.15mm **TICKETS**	OR **2 COLOUR: RED/BLACK, BLUE/BLACK**	**BI-DIRECTIONAL STATUS CHECK**	**18cm PAPER ROLL**	**BARCODE**	60,000,000 LINES MORE **CRT RELIABILITY**