

TSP400Z Series

Versatile Thermal, Barcode, Label and Ticket Printers



- High speed thermal POS / label / ticket printer
- Quality barcode / graphics printer with PDF417 capability or Maxicode 2D option
- Improved 80mm per sec. print speed
- Large paper capacity with adjustable roll widths

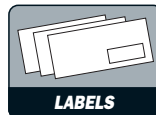
Typical Applications

- **Barcode Printer** Prints a variety of resident barcodes and can be upgraded to include the highly complex PDF417 or MAXICODE 2 dimensional barcodes, capable of coding up to 1024 characters
- **Entrance Ticket Printer** High quality tickets to museums, theatres or cinemas can all be printed on plain or pre-printed ticket stock of up to 150µm / 0.15mm
- **Label Printer** Barcodes, pricing, courier, warehousing, addresses
- **Fast Receipt Printer** POS systems

TSP412ZD Serial Interface, Tear Bar Version

TSP442ZD Serial Interface, Autocutter Version

Options Low cost, user installable parallel or RS422A interfaces available for both versions



TSP400Z Printer Specifications

Printer Method	Direct Thermal Line Printing
Print Speed	80mm per sec. (max.) 40mm per sec. (min.) option
Print Resolution	8 x 8 dots / mm, 203 dpi
Print Width	75mm (max.) line mode, 80mm page mode
Max. No. of Columns	Line Mode 40 (max. 50), Page Mode 80
Character Sets	ASCII, International Characters, Graphics
Barcodes	EAN, JAN, UPC, Code 39, ITF, Code 128, Code 93 2 dimensional Barcode (PDF417) option
Character Matrix	8 x 16 dots, 16 x 24 dots, 24 x 32 dots
Paper Specifications:	
Width	60mm to 82mm (adjustable)
Thickness	0.06mm to 0.15mm
Outer Roll Diameter	115mm (max.)
Core Diameter	25.4mm, 1 inch
Maximum Card Weight	0.06mm to 0.15mm
Paper Feed Pitch	3mm / 4mm, n/8mm (Programmable)
Data Buffer	8 KByte
Interface	RS232C, options; Parallel or RS422A

Dimensions & Weight	TSP412: 178 (W) x 226 (D) x 256 (H) mm, 3.4Kg TSP442: 178 (W) x 244 (D) x 256 (H) mm, 3.7Kg
Power Supply	Built-in power supply, 230v AC, 50/60Hz
Reliability	38 million lines Calculated Real Time MCBF 10 million lines MCBF (Traditional)
Reliability Head Life	50 Kilometres
Environment: Operation	+5°C to +40°C, 25% to 85% RH (w/o condensation)
Storage	-20°C to +60°C, 10% to 90% RH (w/o condensation)
Paper Cutter TSP442	300,000 lifetime cuts (Full cut)
Special Features	2 part thermal paper now available Open frame version available for multi-media kiosks OPOST™ & Windows™ Drivers available Straight paper path Drive circuit for cash drawers: 6 pin modular jack 24v max.1A
Media Sensors	Transmissive sensor for labels and tags. Reflective sensor for use with black marks