



# O TSP043 Series

**NEW** Low Cost, High Speed, Quality Printer Series

With its robust design and lever-free paper loading, this printer is designed to perform in the harshest of retail and hospitality environments. Its high speed processing of receipts (up to 250mm/second) as well as dual interface make it the first choice for retailers and hospitality operators globally.

- "Intelligent" Design
- Low cost Installation
- Low cost Maintenance
- 10cm diameter Paper Roll capacity
- Superior Quality Hardware & 203 dpi Output
- ESC/POS™ emulation with *StarPRNT* Intelligence & Configuration Utility
- Advanced Splash / Dust Proof design



Scan and visit us now!!



# TSP043 Series

NEW Budget, High Performance, Low Cost Receipt Printer designed specifically to meet basic receipt printing needs.

"Intelligent" Star Design with advanced splash-proof design – even the PCB is mounted upside down to maintain higher reliability than our competitors.



**Compact, Easy-Load "Drop-In & Print"** with lever-free paper loading to increase reliability.

**Low cost installation**  
Dual interface  
USB / Serial or  
USB / Parallel  
models.



TSP043UC GRY – Grey USB / Parallel  
TSP043UD GRY – Grey USB / RS232  
White versions available on request.

**StarPRNT Intelligence** includes:

- Advanced logo store
- "Text-Triggered" image printing – perfect for couponing  
*See website for more details.*

**ESC/POS™ emulation** with Star Configuration Utility including OPOS™ and Epson cash drawer compatibility.

No dip switches.

**All-inclusive StarPRNT driver** and utility suite with WHQL certification on CD in box.



**Low cost maintenance**  
PS60 power supply can be included in box.

**Low cost replacement** of print head, cutter and PCB. Simply remove the front printer cover to access the cutter and print head or black plate to access the main printer circuit board (PCB).



## TSP043 Specifications

Print Method	Direct Line Thermal Printing
Print Resolution	203 dpi
<b>Speed:</b>	
TRUE Print Speed	Up to 250mm/second
Paper Feed Speed	Up to 300mm/second
<b>Software Control:</b>	
Logo Store	Epson compatible – up to 512kB / 9,025 logos (new)
Emulations	ESC/POS™
Code pages	40 + 1 blank
Dual Interface	USB / Serial 25pin or USB / Parallel
Windows Driver	ESC/POS™ with <i>StarPRNT</i> Intelligence & config utility
Drivers available	Windows XP SP3, Vista 32/64 SP2, 7 32/64 None SP/SP1 No Star Line mode available
Character Size / Line Spacing	Font A: 12 x 24 / Font B: 9 x 24 / Font A: 42 / 48 (80mm), 30 / 33 (58mm) Font B : 56 / 64 (80mm), 40 / 45 (58mm) (Selectable by Memory Switch)
Compressed Print	Vertical 50%, Horizontal 67% (by Firmware)
Barcodes	1D x 9 versions / 2D - PDF417
<b>Paper Specifications:</b>	
Width	58 / 80mm (80mm default with 58mm guide)
Printable Width	64mm / 45mm (72mm / 50.8mm Selectable by Memory Switch)
Roll Diameter	up to 102mm
Thickness	0.065 ~ 0.085mm (0.057 ~ 0.065mm special paper only)
Top Margin	Approx. 11mm
<b>Sensors</b>	Standard Photo PE sensor; Optional Black Mark Sensor; Optional Paper NE Sensor
<b>Power Supply</b>	PS60A (External Type)
Input / Supply Voltage	100V (-10%) to 240V (+10%) / 24V DC
<b>Reliability</b>	60 million lines MCBF
Auto-Cutter	Partial Cut (One-Point Center) / Guillotine Type
Min. Cut Length	24mm (0.065mm ≤ paper thickness ≤ 0.085mm)
Auto-Cutter Life	1 million cuts
Print Head Life	100 Km (using recommended paper)
<b>Additional Information:</b>	
Simplified Tear-Bar	Supported
Character Rom	GB18030 or Big 5
Dimensions	142 (W) x 212 (D) x 149 (H) mm

## 10cm diameter Paper Roll capacity

Unique 10cm outside diameter paper roll capacity with 60% more paper on a roll which means fewer paper roll changes; decreased cost per receipt; reduced paper roll transport and storage requirements.

**No other manufacturer can offer all this!**

### STAR 10cm ROLL PAPER SAVING ADVANTAGES

Paper Width	80mm	80mm
Outside Diameter	79.5mm	101mm
Core Size	12.7mm	12.7mm
Paper Thickness	65 microns	65 microns
Length of Paper on Single Roll	74m	124m
Increase over Standard Roll	0%	67.5%