



TSP654



TSP743

STANDARD FEATURES

- 203dpi (8 dots/mm) print resolution
- Two-color printing (software enabled)
- Small footprint
- Easy load “drop-in and print” paper loading
- Adjustable paper width
- Logo store utility for easy logo data
- Cash drawer driver
- Cutter
- Easy to change “cartridge-type interface” RS-232 to Parallel
- Swappable communication interface

TSP743:

- Label printing

APPROVALS



SPECIFICATIONS

PRINT SPEED:

TSP654: 4 in (100mm) per second, 25 or 33 lines per second

TSP743: 7 in (177.8mm) per second, 60 lines per second at 3 mm per line (180mm/sec)

PRINT WIDTH:

TSP654: 80 mm paper: 2.83 in (80mm)
58 mm paper: 2.05 in (52mm)

TSP743: Standard: 2.83 in (80mm)
Optional: 2.05 in (52mm), 3.15 in (80mm)

LINE SPACING:

3mm, 4mm (1/8 in, 1/6 in)

RESOLUTION:

203dpi (8 dots/mm)

NUMBER OF COLUMNS:

TSP654: 80 mm paper: 24, 48 or optional 64 (ESC/POS)
58 mm paper: 17, 34

or optional 46 (ESC/POS)

TSP743: Standard: 48, 71 (maximum)

BAR CODES:

TSP654: UPC-A/E, JAN/EAN-8/13, Code 39/93/128, Codabar (NW7), ITF

TSP743: UPC-A/E, JAN/EAN-8/13, Code 39/93/128, Codabar (NW7)

PAPER WIDTH:

Adjustable. Standard: 3.15 in (80mm)
Optional: 2.28 in (58mm)

TSP743 Optional: 3.25 in (82.5 mm)

PAPER THICKNESS:

TSP654: 0.002 in to 0.003 in (0.065 mm to 0.085 mm)

TSP743: 0.003 in to 0.006 in (0.065 mm to 0.150 mm)

ROLL DIAMETER:

3.5 in (90mm)

PAPER ROLL CORE:

1/2 in to 1.00 in (12 mm to 25.4 mm)

PAPER PATH:

TSP654: Internal roll

TSP743: Slot in rear or internal roll

PAPER LOADING:

“Drop-in and print” and external rear feed

PAPER SENSORS:

TSP654: Near end, paper out, cover open

TSP743: Near end, paper out, top of form

PRINTER RELIABILITY:

60 million lines MCBF (CRT)

CUTTER RELIABILITY:

TSP654: 0.5 million cuts

TSP743: 2 million cuts

DATA BUFFER:

8K bytes

LOGO STORE:

TSP654: 2M bit

TSP743: 4M bit

EMULATION:

Star line mode, ESC/POS™ (TM-U295/TM290)

CASH DRAWER:

Two drivers and one compulsion sensor

AUTO CUTTER:

Full and partial cut

DRIVERS:

Windows® 95/98/2000/NT 4.0, Windows® legacy printer, OPOS, JavaPOS™, Star Raster Graphics Mode, Linux

OPERATING TEMPERATURE:

41°F to 113°F (5°C to 45°C)

HUMIDITY:

10% to 90% RH (w/out condensation)

OVERALL DIMENSIONS:

TSP654: 5.59 in W x 5.16 in H x 7.83 in D (142 mm W x 131 mm H x 199 mm D)

TSP743: 5.79 in W x 5.83 in H x 8.39 in D (147 mm W x 148 mm H x 213 mm D)

APPROVALS:

UL and C-UL listed, FCC, TUV

WARRANTY:

Three-year limited warranty on parts

One-year limited warranty on printhead & cutter

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PART #	DESCRIPTION	EST. SHIP WEIGHT
69909.....	TSP654 Direct Thermal, RS-232 w/power supply, 115/230VAC	7 lb
69910.....	TSP654 Direct Thermal, RS-232 only, 24VDC	7 lb
69907.....	TSP743 Direct Thermal Transfer, RS-232 w/power supply, 115/230VAC	8 lb
69908.....	TSP743 Direct Thermal Transfer, RS-232 only, 24VDC	8 lb
85929.....	TSP743 Direct Thermal, Parallel without power supply.....	8 lb

OPTIONS/ACCESSORIES

69903	Power supply, PS-60-24A.....	
69917.....	One-ply thermal paper roll, 3.125in W x 3.25in diameter	
107041.....	MaxStick receipt paper for TSP654.....	
72309.....	Power supply, 12VDC w/cigarette lighter	
71355.....	Parallel cartridge option	

TSP743

69919.....	Wall mount bracket.....	
70598.....	Label, DTL , 3in W x 1in L, 4in diameter, with black line, 1600 labels/roll.....	
70597.....	Label, DTL , 3in W x 2in L, 4in diameter, with black line, 900 labels/roll.....	
72471.....	Star programmers CD.....	

CABLES

15547	Blunt end, 25-pin D-sub male RS-232 serial interface cable.....	
15568	25-pin D-sub male to 25 pin D-sub female RS-232 serial interface cable	
72440.....	25-pin to 9-pin D-sub female cable.....	

Interfaces to: Rice Lake indicators with a serial port screw terminal connection



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