



THE TOUCHPOINT OF INDIA



MSP 250 STAR INVOICE PRINTER

The retail star



Printing Speed 450 cps -
Faster printing



15,000 Power On Hours -
Higher reliability



India's First Vertical
Printer - Saves space



Built-In Barcode Fonts -
Prints barcodes



Selicon Self-Lubrication
Mechanism - Maintenance
free. No more carriage stuck

The MSP 250 Star Advantage

The new 'Turbodot' print head from TVS-E is designed and precision engineered to obtain the best results. Sealed coils enhances the thermo-cooling capacity of the print head.

In comparison to the conventional tungsten pins, the HSS (High Speed Steel) pins used in 'Turbodot' print head ensures precise dot placement.

The exterior of the print head is designed with increased number of Heat Sink Fins for better heat dissipation.

A special exterior coating on Heat Sink enhances heat dissipation. The specially designed Plastic Front Profile guarantees smooth ribbon movement, thus slowing the wear and tear of the ribbon fabric and improving ribbon life.

Specifications

Print Method	: Serial impact dot matrix
Print Direction	: Bi-directional logic seeking
Print Head Type	: 9 wire
Print Width	: 80 column
Print Head Life	: 200 million characters*
Positioning Speed	: 450 cps

Print Speed

Character Pitch (cpi)	: 10	12	15
High Speed Draft (cps)	380	450	-
Draft (cps)	300	360	450
Near Letter Quality (cps)	63	75	-

Resident Printer Fonts

High Speed Draft	: Standard 10 and 12 cpi
Draft	: Standard 10, 12, 15, 17 and 20 cpi
Near Letter Quality	: Roman, Sans Serif, Script
Resident Barcode	: Code 3 of 9

Paper Handling

Paper Path - Standard	: Top, rear and bottom
Continuous Tractor	: Convertible push and pull
Feed - Standard	

Paper Size

Continuous Form Width	: 3.5 - 10"
Cut Sheet Width	: 3.5 - 10"
Paper Thickness (max) - Tractor Feed	: 0.3 mm

Paper Thickness : 0.3 mm

(max) - Friction Feed

Copy Capability* : 1+4 with carbon

Consumables - Ribbon

Type : Patented TVS-E ribbon cassette with user replaceable Inkbank

Colour : Jet black

Ribbon Life : 40 million characters with 3 additional Inkbanks

Cassette Refill Mode : Through Inkbank

Inkbank life : 10 million characters**

Input Buffer (Kilo Bytes) : 100 KB

Reliability

MTBF : 15000 POH**

(Power on Hours)

Acoustics (Noise Level) : 55 dB (A) in ISO 7779 Sonic Pattern

Emulation : ESC / P, IBM Proprinter

Interface

Standard : Centronics IEEE-P1284A Parallel, USB

Optional : RS-232C serial

Software Specifications

Drivers : Windows 9X, NT 4.0, ME, 2000, 2003, XP, VISTA, Windows 7, Linux

Electronic Guide : HTML based

Electrical Specifications

Operating Voltage : 150V - 270V AC

Mains Frequency : 47 - 63 Hz

Power (Standby) : ~12 W

Environmental - Operating Conditions

Temperature : +5° to +45°C

Relative Humidity : 10% to 80%

Physical Dimensions

Size (W x D x H) mm : 433 x 379 x 147

Weight : 5.7 kg

Warranty : 2 years including print head (only valid on registration)

Best suited for printing

Bills | Receipts | Tickets | Coupons | Invoices | Statements

1 kg = 2.2lbs; 1inch = 2.54 cms

*Max. possible copy capability

**@ Draft 10 cpi, *@ 33% print density and 25% duty cycle

** Excluding print head @ 33% print density and 25% duty cycle

***. in lieu of USB

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ORDERING INFORMATION

3014070014 MSP 250 STAR

OPTIONAL CONSUMABLES

2028020009 TVS-E RIBBON CASSETTE 80 COL

2017100041 TVS-E INKBANK

2023020060 TVS-E PRINT HEAD

MSP 250 STAR

DEALER STAMP

TVS ELECTRONICS LIMITED:

South Phase 7A, Second Floor,

Industrial Estate, Guindy, Chennai - 600 032.

Call: 1800 200 5123 / 3030 9797 (prefix city STD code)

Visit: www.tvse.in