

MSP 450 *Champion*

24 wire • 80 column • 360 cps



The Unbeatable
Office Printer

- 10 Million Characters TVS Ribbon Cassette
- 200 Million Characters Print Head
- Trilingual Office Printer
- Prints in 10 Indian Languages
- High Copy Capability - Original + 3 copies
- Wide Operating Voltage - 150 - 270V AC

MSP 450 Champion Product Specifications

Print Method	Serial Impact Dot Matrix		
Print Direction	Bi-directional Logic Seeking		
Print Head – Type	24 Wire		
Print Widthq	80 Column		
Print Head Life	200 Million Characters*		
Print Speed			
Character Pitch (dpi)	10	12	15
High Speed Draft (cps)	300	360	-
Draft (cps)	250	300	375
Near Letter Quality (cps)	83	100	125
Draft ISCII (cps)	250	-	-
LQ ISCII (cps)	50	-	-
Resident Printer Fonts			
Draft	Draft, High Speed Draft		
Letter Quality	Roman, Sans Serif, Script Courier, Prestige, Orator-S		
Letter Quality Scalable Fonts	Roman & Sans Serif (8 to 40 points)		
Printer Built-in Fonts	English & Devanagari (includes Hindi, Marathi)		
Third Language Downloadable Fonts	Assamese, Bengali, Gujarathi, Gurumukhi (Punjab), Kannada, Malayalam, Oriya, Tamil, Telugu		
Resident Barcode Font	Code 3 of 9		
Paper Handling			
Paper Path-Standard	Top, Rear and Bottom		
Continuous-Tractor Feed-Standard	Convertible Push & Pull		
Paper Size			
Continuous Form Width	3.5 - 10"		
Cutsheets Width	3.5 - 10"		
Paper Thickness (max) - Tractor feed	0.3 mm		
Paper Thickness (max) - Friction feed	0.3 mm		
Copy Capability*	1+3 with carbon		
Consumables - Ribbon			
Type	Unique TVS Ribbon Cassette with Replaceable Inkbank		
Colour	Standard Black		
Ribbon Life	40 Million Characters with 3 additional Inkbanks		
Cassette Refill Mode	Through Inkbank		
Inkbank Life	10 Million Characters**		

Input Buffer (Kilo Bytes)	40 KB
Reliability-MTBF (Power on Hours)	6,000 POH**
Acoustics - Noise Level	55 dB(A)
Emulation	Epson ESC P/2, IBM Proprinter
Interface	
Standard	Centronics IEEE-P1284A Parallel
Optional	RS 232C Serial
Software Specification	
Drivers	Windows 95, 98, NT 4.0, 2000, Me, XP, Linux Redhat
Electronic Guide	HTML Based
Electrical Specifications	
Operating Voltage	150 - 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 (WxDxH) mm	433 x 379 x 147
Weight (Kg)	5.7

Ordering Information

Product Code	3006050002
Description	MSP 450 Champion
Standard Configuration	CD-ROM Quick Reference Manual Insertion Plate Convertible Push/Pull Tractor Black Ribbon Cassette Parallel Interface Cable Power Cord
Optional	
2028020001	TVS Ribbon Cassette 80 column
2017100002	TVS Inkbank - pack of 5

* Max. possible copy capability ** At 10 cpi draft # @ 33% print density and 25% duty cycle ## Excluding print head @ 33% print density and 25% duty cycle 1 kg = 2.2 lbs; 1 inch = 2.54 cms



10 Million Characters TVS Ribbon Cassette



200 Million Character Print Head



Higher copy capability



EPA POLLUTION PREVENTER
As an Energy Star Partner TVS Electronics determines that this product meets the Energy Star Guidelines for energy efficiency.



Note: All specifications are at standard operating conditions and are subject to change without notice. All other products or brand names are registered trademarks of their respective holders.

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