

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, High Speed Draft		
Draft	Roman, Sans Serif, Script		
Letter Quality	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	Top, Rear and Bottom		
Paper Path-Standard	Convertible Push & Pull		
Continuous-Tractor Feed-Standard			
Paper Size	3.5 - 10"		
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	Centronics IEEE-P1284A Parallel
Standard	RS 232C Serial
Optional	
Software Specification	Windows 95, 98, NT 4.0, 2000, Me, XP, Linux Redhat
Drivers	HTML Based
Electronic Guide	
Electrical Specifications	150 - 270V AC
Operating Voltage	47 - 63 Hz
Mains Frequency	~12 W
Power (Standby)	
Environmental - Operating Conditions	+5 to +45° C
Temperature	10% to 80%
Relative Humidity	
Physical Dimensions	433 x 379 x 147
Size (WxDxH) mm	5.7
Weight (Kg)	

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	TVS Ribbon Cassette 80 column TVS Inkbank - pack of 5
2028020001	
2017100002	

* 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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