

# TSC

The Smarter Choice.



## **DA220 SERIES** – Desktop Direct Thermal Bar Code Printer **COMPACT DESIGN** **AFFORDABLE TOTAL COST OF OWNERSHIP**



### KEY FEATURES

- High quality double-walled clamshell design
- 6 inches per second print speed
- 64 MB DRAM and 128 MB Flash memory
- Easy media loading
- USB 2.0 (High speed mode)
- Versatile TSPL-EZD firmware emulates Eltron®, Zebra® and Datamax languages out of the box
- IEC 60601-1 compliant power supply

### APPLICATIONS

- Specimen Labeling
- Pharmacy Labeling
- Patient Tracking

## DA220 SERIES – Desktop Direct Thermal Bar Code Printer

PRINTER MODEL	DA220	DA320
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Direct Thermal	
Max. print speed	152.4 mm (6")/second	102 mm (4")/second
Max. print width	108 mm (4.25")	105.7 mm (4.16")
Max. print length	25,400 mm (1000")	11,430 mm (450")
Enclosure	Double-walled plastic	
Physical dimension	172 mm (W) x 165 mm (H) x 195 mm (D) 6.77" (W) x 6.50" (H) x 7.68" (D)	
Weight	1.5 kg (3.31 lbs)	
Label roll capacity	127 mm (5") OD	
Processor	32-bit RISC CPU	
Memory	<ul style="list-style-type: none"> <li>• 128 MB Flash memory</li> <li>• 64 MB DRAM</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>• PCBA1: USB 2.0 high speed mode, USB Host, RS-232 and Ethernet (standard)</li> <li>• PCBA2: USB 2.0 and Ethernet (factory option)</li> </ul>	
Power	IEC 60601-1 compliant power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V, 50-60Hz</li> <li>• Output: DC 24V, 2.5A, 60W</li> </ul>	
Operation switch, button, LED	1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)	
Sensors	<ul style="list-style-type: none"> <li>• Transmissive gap sensor</li> <li>• Black mark reflective sensor</li> <li>• Head open sensor</li> </ul>	
Internal fonts	<ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> </ul>	
Bar code	<ul style="list-style-type: none"> <li>• 1D bar code Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11, China Post</li> <li>• 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec, MicroPDF417</li> </ul>	
Font and barcode rotation	0, 90, 180, 270 degree	
Printer language	TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)	
Media type	Continuous, black mark, fan-fold, notched (outside wound)	
Media width	19 ~ 114 mm (0.7" ~ 4.5")	
Media thickness	0.055 ~ 0.19 mm (2.16 ~ 7.48 mil)	
Media core diameter	25.4 ~ 38 mm (1" ~ 1.5")	
Label length	10 ~ 25,400 mm (0.39" ~ 1000")	10 ~ 11,430 mm (0.39" ~ 450")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing	
Safety regulation	FCC Class A, CE Class A, CB, TÜV/Safety	
Environmental concern	Comply with RoHS, WEEE	
Accessories	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• IEC 60601-1 compliant power supply</li> </ul>	
Limited warranty	<ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 25 km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50 km (2 million inches) or 12 months which comes first</li> </ul>	
Factory options	PCBA2: USB2.0 and Ethernet	
Dealer options	<ul style="list-style-type: none"> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut or partial cut)</li> </ul>	
User options	<ul style="list-style-type: none"> <li>• 1.5" adaptor for 1.5" paper core</li> <li>• External roll mount, media OD. 214 mm (8.4") with 25.4 mm (1") core</li> <li>• KP-200 Plus keyboard display unit (serial interface)</li> </ul>	



### CORPORATE HEADQUARTERS

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