

# Star® SP512/SP542/SP712/SP742

Dot Matrix Printers



## Standard Features

- Spill-proof cover
- Single-color highlights
- Power switch cover
- Internal universal power supply
- Serial interface
- Star and ESC/POS emulation
- Black mark sensor
- More than four lines per second print speed
- Auto cutter and tear bar versions
- Prints multiple copies (original and two copies)
- High reliability
- Prints graphics

### SP712 Only

- Clamshell design for easy paper loading
- Spill-proof and heat-resistant
- Swappable interfaces available
- Wall mount (option)
- External buzzer option

## Specifications SP712/SP742

### Print Method:

Nine-pin impact dot matrix

### Print Speed:

13RPM

### Paper Width:

70 mm and 58 mm (with paper guide)

### Emulation:

Star mode, ESC/POS

### Power:

110 to 230 VAC

### MCBF:

22 million lines

### Cutter:

1 million cuts

### Dimensions:

(W x H x D): 160 x 152 x 245 mm

### Connectivity:

Nine-pin serial, 25-pin serial, parallel, USB, Ethernet, Wi-Fi

### Drivers:

2000 XP (L), XP embedded (L), VISTA (G) (32-and 64-bit)

### Warranty:

Three-year limited warranty

## APPROVALS



## Specifications SP512/SP542

### Print Method:

Nine-pin impact dot matrix

### Print Speed:

4 lines per second at 40 columns  
8 lines per second at 16 columns

### Number Of Columns:

42 at 16.9 cpi

### Paper Width:

2.25 in/3 in (selectable)

### Paper Thickness:

0.002 in to 0.003 in (0.07 mm to 0.10 mm)

### Copy Capabilities:

Copies: original and 2 copies, maximum 0.007 in (0.20 mm)

### Roll Diameter:

3.34 in (85 mm)

### Paper Roll Core:

0.47 in (12 mm) ID, 0.70 in (18 mm) OD

### Paper Loading:

Semi-automatic

### Paper Sensors:

Paper out

### Cutter Reliability:

0.5 million cuts

### Printer Reliability:

70 million characters

### Auto Cutter:

SP542: full and partial cut (software controlled)

### Interface:

RS-232 serial

### Baud Rates:

4800, 9600, 19200, 38400

### Drivers:

Windows® 9x/NT/2000, OPOS, JavaPOS™

### Emulation:

Star Mode, ESC/POS™

### Drawer Kickout Device Function:

2 drivers

### Power Required:

100 to 240 VAC, 50/60 Hz

### Overall Dimensions:

(W x D x H): 5.51 x 8.85 x 6.41 in (140 x 225 x 163 mm)

### Storage Temperature:

10 to 90% RH

### Operating Temperature:

3° F to 104° F (0° C to 40° C)

### Approvals:

UL and C-UL listed, TUV

### Warranty:

Three-year limited warranty on parts  
One-year limited warranty on print head and cutter

### Part Number/Price

Part #	Description	Est. Weight	Price
103141	SP712 RS-232 tape printer, tear bar	9 lb	Consult
155825	SP712 RS-232 tape printer, tear bar, journal	9 lb	Consult
164392	SP712, USB tape printer, tear bar	9 lb	Consult
103142	SP742 RS-232 tape printer, cutter	9 lb	Consult

*Consult factory for models with a parallel interface.*

### Options/Accessories

Part #	Description	Price
69921	Ink ribbon (purple) SP500, SP2000, SP200, series	Consult
103728	Ink ribbon (black), SP700 Series	Consult
69916	One-ply paper roll, (W x D) 3 x 3 in, 150 ft roll, Bond, 3 in OD	Consult
69915	Two-ply paper roll, (W x D) 3 x 3 in white/canary yellow, 90 ft roll, 3 in OD	Consult
72471	Programmer's CD-ROM (includes utility programs and manuals)	Consult
121331	Wall mount bracket, SP700 Series	Consult
<b>Cables</b>		
15547	Blunt end, 25-pin D-sub male RS-232 serial interface cable (Rice Lake indicators)	Consult
15568	25-pin D-sub male to 25-pin D-sub male RS-232 serial interface cable	Consult
72440	25-pin to nine-pin D-sub female cable	Consult
79074	USB-A (male) to USB-B (male) cable, 6 ft	Consult