

**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:**

13 RPM

**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 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™

**Cash Drawer:**

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	\$350.00
155825	SP712 RS-232 tape printer, tear bar, journal	9 lb	\$425.00
164392	SP712, USB tape printer, tear bar	9 lb	\$390.00
103142	SP742 RS-232 tape printer, cutter	9 lb	\$490.00

*Consult factory for models with a parallel interface.*

### Options/Accessories

Part #	Description	Price
69921	Ink ribbon (purple) SP500, SP2000, SP200, series	\$12.00
103728	Ink ribbon (black), SP700 Series	\$12.00
69916	One-ply paper roll, (W x D) 3 x 3 in, 150 ft roll, Bond, 3 in OD	\$5.00
69915	Two-ply paper roll, (W x D) 3 x 3 in white/canary yellow, 90 ft roll, 3 in OD	\$7.00
121331	Wall mount bracket, SP700 Series	\$30.00
<b>Cables</b>		
15547	Blunt end, 25-pin D-sub male RS-232 serial interface cable (Rice Lake indicators)	\$65.00
15568	25-pin D-sub male to 25-pin D-sub male RS-232 serial interface cable	\$65.00
72440	25-pin to nine-pin D-sub female cable	\$65.00
79074	USB-A (male) to USB-B (male) cable, 6 ft	\$30.00