



# SP700 Series

Advanced, High Speed Clamshell™ Receipt Printers



- High speed, 9-pin high quality printer capable of producing 13 x 20 line receipts per minute (4.7 – 8.9 lps)
- “Drop-In & Print”, easy paper loading. Literally drop a roll of paper into the printer, close the lid and the paper is loaded!
- New splash resistant design with easy-clean curves for robust kitchen / bar use
- Two colour output for emphasis purposes
- Internal power supply with universal cable included at purchase

- Value-Added Software for Retailers, OEMs, System Builders and Software Developers with Marketing and Graphics Tools including the new **Graphics Management Tool** with a name and list facility for easy identification and use for up to 255 images. This tool will also facilitate multiple printer configurations by enabling the PC to upload each complete graphics list quickly and simply

The **Logo Store Driver Tool** can download multiple images (mono or colour in a variety of formats) by simply printing a document containing all the images

The **Virtual Serial Port Emulator** will allow Ethernet or USB interface use whilst still retaining legacy software

- New Star “Intuitive” Compatibility for Microsoft applications including JavaPOS™, OPOS™ with Vista WHQL certification

### Typical Applications

- **Receipt Printer** for POS systems that require reliability and speed
- **Hospitality** Splash resistant cover. Buzzer alarm and wall mount option

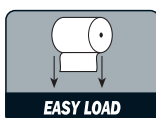
- SP712** Tear Bar Printer
- SP712R** Tear Bar Rewind Version
- SP742** Autocutter Printer
- SP742R** Autocutter Rewind Version

All available in Star White or Charcoal Grey with Serial / Parallel / USB (WHQL certified) or no Interface

### High Speed Performance

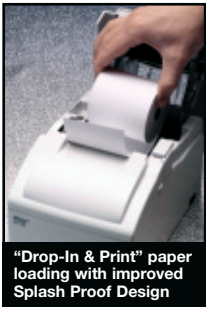
| Printer             | Driver                        | Receipts Per Minute |
|---------------------|-------------------------------|---------------------|
| <b>Star SP742</b>   | <b>SP712 / 742 V1.0</b>       | <b>13</b>           |
| <b>Epson™-U220™</b> | <b>Advanced Driver 3.0.2E</b> | <b>9</b>            |

Results obtained printing 80mm wide x 150mm long receipt with Microsoft Windows XP™ on Pentium PC with CPU 1996MHz with 512MB RAM



sales@Star-EMEA.com

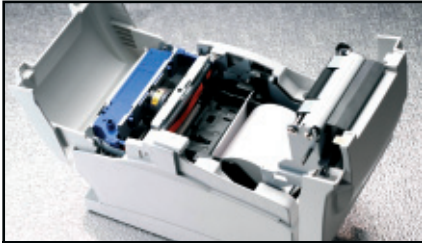
www.Star-EMEA.com



"Drop-In & Print" paper loading with improved Splash Proof Design



Vertical position with compact footprint



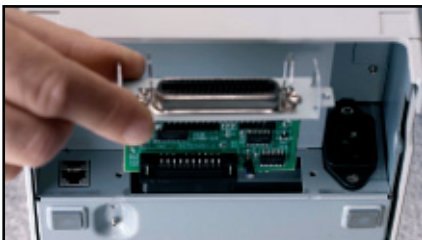
Easy maintenance and use



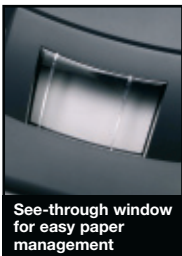
Two Colour, High Quality Graphics Print



NEW Star SP700 Rewind Version



Internal Power Supply & "plug-in" interfaces



See-through window for easy paper management



Easy-to-fit buzzer option

**Linux** 

**JAVAPOS™**

**OPOS** 

Designed for  
Microsoft®  
Windows® XP

**ESC/POS™**

**Vista™**  
**WHQL**

Compatibility with most major operating systems

## SP700 Printer Specifications

|                           |   |
|---------------------------|---|
| Print Method              | 9 Pin Serial Impact Dot Matrix  |
| Printer Versions:         |   |
| SP712                     | Tear Bar Mono and Red / Black Model   |
| SP742                     | Autocutter Mono and Red / Black Model (full or partial cut)   |
| SP712 / 742 with rewind   | Tear Bar and Autocutter Rewind Models   |
| Interface Versions        | RS232 / Parallel / USB 2.0 / Without Interface  |
| Interface Options         | Ethernet / WiFi   |
| Print Speed               | Capable of printing 13 x 20 line receipts per minute from 4.7 to 8.9 lps depending on number of columns |
| Paper Feed Speed          | Approx. 5.6 inches per second (@ continuous feed)   |
| Print Direction           | Bi-directional, Logic Seeking   |
| Print font:               |   |
| Character Matrix          | 7 x 9 (Half dot) / 5 x 9  |
| Column capacity           | 42 / 35   |
| Character Size (mm)       | 1.2 (W) x 2.42 (H) / 1.5 (W) x 2.42 (H)   |
| Character Set             | 95 Alphanumeric, 32 International   |
| Code Pages                | 40  |
| Character Per Inch (CPI)  | 16.9 / 14.1   |
| Paper Loading             | Drop-In and Print, Easy Load with see-through cover   |
| Paper Handling:           |   |
| Width with guide included | 76mm (default), 69.5mm, 58mm (± 0.5) x 85mm roll diameter   |
| Thickness 1 ply           | 0.06 ~ 0.085mm  |
| Copy Capability 2 ply     | Original + 1, 0.05 ~ 0.08 / piece, total less 0.14  |
| Copy Capability 3 ply     | Original + 2, 0.05 ~ 0.08 / piece, total less 0.20  |
| Wall Mount Facility       | Available on all models (up to 2 part paper)  |
| Paper Sensors             | Paper End (Near End Sensor option – factory fit)  |
| Ribbon Life:              |   |
| RC700B                    | 3 million characters  |
| RC700BR                   | Black 1.5 million characters / Red 0.75 million characters  |
| RC700D                    | Laundry Ribbon  |
| Data Buffer               | 8 Kbyte   |
| Program ROM               | Flash Memory (16Mbit), NV bit image 256 Kbyte   |
| Emulation                 | Star Mode and ESC/POS™  |
| Power Supply              | INTERNAL Power Supply with power cable included   |
| D.K.D. Function           | 2 Drivers   |
| Reliability               | MCBF 22 million lines   |
| Autocutter (Guillotine)   | 1.5 million cuts  |
| Overall Dimensions        | 160 (W) x 245 (D) x 152 (H) mm<br>164 (W) x 245 (D) x 152 (H) mm (rewind versions)                      |
| Weight                    | SP712: 2.96Kg, SP742: 3.18Kg, SP712R: 3.43Kg, SP742R: 3.65Kg  |
| EMI Standard              | VCCI Class A, FCC Class A, CE   |
| Safety Standard           | UL, C-UL, TÜV, CB, EN60950  |
| Options                   | Buzzer, Wall mount / vertical use kit   |





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