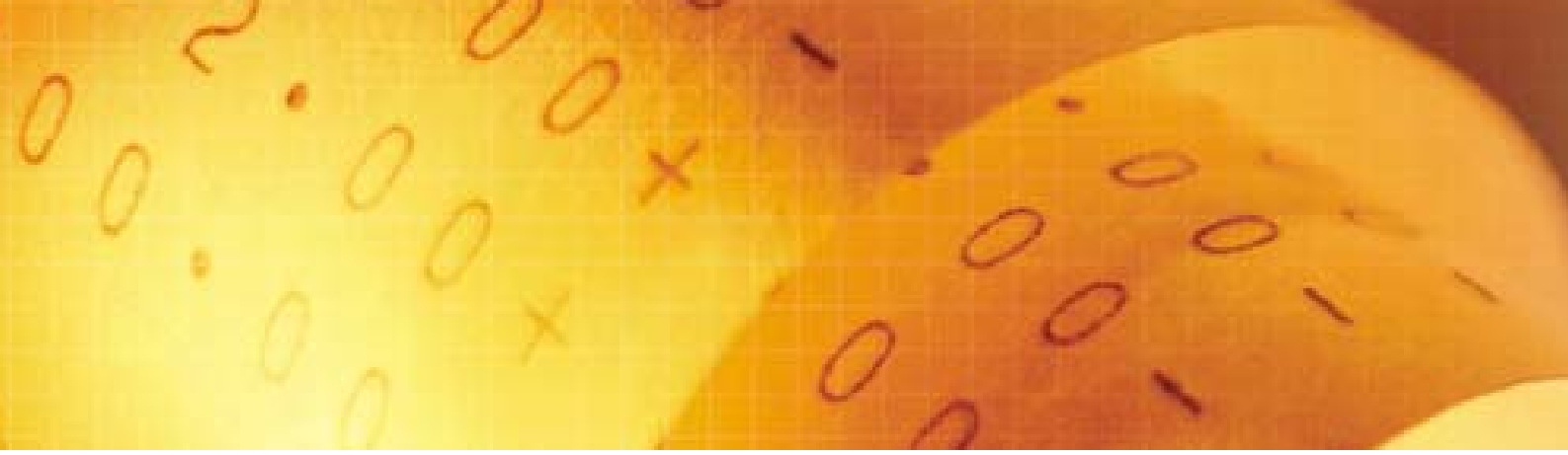# SAMSUNG MINI PRINTERS SOLUTION

*So easy, so simple, so samsung*

**BIXOLON** ®

SAMSUNG mini printers

2nd Generation Impact Printer
SRP-275

2 Color Thermal Printer
SRP-370/372

# Contents

## 2nd Generation Impact Printer
# SRP-275

Samsung Mini Printers keep at the forefront of technology and commitment to reliability with new models.
No other manufacturer has this degree of cover.
This new models have all the usual drivers and interchangeable interface cards.

**Faster & Quieter**

**High Operational Reliability**
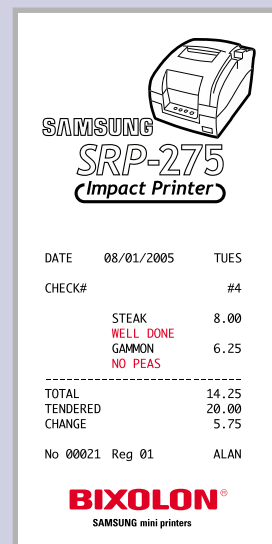
**Versatile Paper Roll Sizes**

**Drop In & Print Paper Loading**

**Connectivity, No Problem**

**Easy System Integration**

**Various Software Utilities**

**Internal Alarm Buzzer & Adapter**

SAMSUNG
SRP-275
Impact Printer

DATE      08/01/2005     TUES
CHECK#                    #4
          STEAK         8.00
          WELL DONE
          GAMMON        6.25
          NO PEAS
------------------------------
TOTAL                   14.25
TENDERED                20.00
CHANGE                   5.75

No 00021  Reg 01        ALAN

**BIXOLON**
SAMSUNG mini printers

## 2 Color Thermal Printer
# SRP-370/372

**The Fastest Speed in Its Class**

**Various Paper Roll Sizes**

**Drop In & Print Paper Loading**

**Satisfy with Multiple Interfaces**

**Handy Software Utilities**

**The Powerful Features**
**: Splash Cover, Wall Mount Bracket,  Internal & External Buzzer**

**Easy System Integration**

The SRP-370 two color fast print speed thermal printer is ideal for retail and hospitality applications and allows you to print receipt with company logos and barcodes plus add coupons.
In addition, SRP-372 high density(203dpi) version is also available.

SAMSUNG
SRP-370
2-Colour Thermal

DATE      08/06/2004     TUES
CHECK#                    #4
          STEAK         8.00
          WELL DONE
          GAMMON        6.25
          NO PEAS
------------------------------
TOTAL                   14.25
TENDERED                20.00
CHANGE                   5.75

No 00021  Reg 01        ALAN

**BIXOLON**
SAMSUNG mini printers

## Versatile Interface

### Ethernet

Ethernet infrastructure is more than just a way for computers to communicate with each other. Ethernet can also be used to communicate with devices such as printers, using Ethernet print servers.

**Available with Ethernet : SRP-350, SRP-370, SRP-270, SRP-275**

**ETHERNET**

### Bluetooth

Remove unsightly communication cables between POS host and remote printers.

**Available with Bluetooth : SRP-350, SRP-370, SRP-270, SRP-275**

**BLUETOOTH**

### USB + Serial

The USB and Serial are in the one board. Through the USB + Serial, you can experience fast speed and easy to use.

**Available with USB+Serial : SRP-350, SRP-370, SRP-270**

**USB+SERIAL**

### Powered USB

The new retail connectivity standard, Powered USB offers retailers a secure, locking peripheral connection that delivers both power and communications over a single cable connection.

**Available with Powered USB : SRP-350, SRP-370, SRP-270, SRP-275**

**POWERED USB**

✱ Serial, Parallel and USB are available as basic interfaces

## User-Friendly Option

### Wall-Mount Bracket

**Available with SRP-350, SRP-370, SRP-275**

### Splash Proof Cover

**Available with SRP-350, SRP-370, SRP-275**

### External Buzzer

**Available with SRP-350, SRP-270, SRP-500**

## Handy Software

Windows Driver (Windows 95/98/ME/2000/NT/XP/2003 Server)

OPOS

Logo Download Utility

Memory Switch Utility

**2 COLOR THERMAL PRINTER**

# SRP-370/372

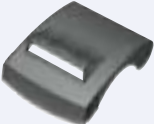Samsung Mini Printers keep at the forefront of technology and commitment to reliability with new model.
The **SRP-370** two color fast print speed thermal printer is ideal for retail and hospitality applications and allows you to print receipt with company logos and barcodes plus add coupons.

- POS system
- Kitchen printer
- Electronic scale
- EFT-POS
- Measuring - equipment
- Lottery
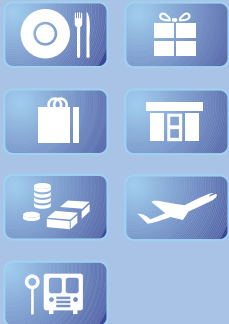
## High speed & 2 color POS printer features for all Retail and Hospitality solutions!!!

**PRINTING SPEED**

### The Fastest Speed in Its Class
Printing at maximum speed of 200mm per second.

**PAPER WIDTH**

### Various Paper Width
You can select the paper width only with the paper guide. And also capable of handling paper rolls of up to 105mm in diameter and 58mm, 80mm, 83mm in width optionally.

**EASY SYSTEM**

### Easy System Integration
Drivers are available for Windows 95/98/ME/NT4.0/XP/2003 server and OPOS.
Logo/firmware download helps you use logo efficiently and easily.

**EASY LOAD**

### Drop In and Print Paper Loading
A simple drop-in loading system means that even inexperienced operators can load paper rolls with the minimum of effort.

**INTERFACES**

### Satisfy with Multiple Interfaces
Interfaces such as Serial, Parallel, USB, Ethernet and Bluetooth options with new technology interfaces POWERED USB Y-cable and USB+SERIAL interface.

**FEATURES**

### The Powerful Features
The splash proof cover, wall mount bracket and internal/external buzzer is fitted in food and beverage preparation areas as standard equipment. The SRP-370 has these powerful features to make all users satisfy in the busy and flurried environment.

Grasp the customer's attention and keep your POS system fully efficient by superb fast printing speed and colorful promotion generated by 180 dpi and 203 dpi.
Save time, save money !!

## SPECIFICATION FOR THE SRP-370/372 THERMAL PRINTER

| PRINT | PRINT METHOD | Direct Thermal |
|---|---|---|
| | PRINT SPEED | 200mm/ sec (61.7 LPS) |
| | PAPER SUPPLY METHOD | Easy Paper Loading |
| | RESOLUTION | **SRP-370** : 180 dpi (7dot/mm) , **SRP-372** : 203 dpi (8dot/mm) |
| | CHARACTER SET | Alphanumeric Character : 96 |
| | | Extended Graphic : 128 × 7 page (1space page) |
| | | International Character : 32 |
| | CHARACTER SIZE | Font A : 12 × 24, Font B: 9 × 17 |
| | CHARACTER PER LINE | Font A : 42, Font B : 56 |
| | PAPER TYPE | Mono & 2 color thermal paper |
| PAPER ROLL | WIDTH | 57.5mm ± 0.5mm, 79.5mm ± 0.5 mm, 82.5 mm ± 0.5 mm |
| | DIAMETER | Max.Ø 105.0mm |
| RELIABILITY | MCBF | 70,000,000 Lines |
| | AUTO CUTTER | 1.5 million cuts |
| | TPH | 150Km |
| BARCODES | | 1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Code Bar, UPC-A, UPC-E / 2D(Option): PDF417, QR Code |
| EMULATION | | ESC/POS |
| FLASH MEMORY | | 16 Mbit |
| DATA BUFFER | | 64 Kbit |
| DRIVER | | Windows 95/98/Me/2000/NT/XP/2003 server, USB, OPOS |
| SENSOR | | Paper Near End Sensor, Paper End Sensor |
| DRAWER PORT | | 2 ports |
| CONNECTIVITY | INTERFACE | RS-232C, IEEE1284, USB, RS-485, Ethernet, Bluetooth |
| OPTIONS | LANGUAGE | Buyer language support |
| | WALL MOUNT | RWM-350 |
| POWER | SUPPLY | AC120V~230V ± 10%(Include), DC24V, 2.3A |
| DIMENSION | | 146(W) × 204(L) × 160(H) mm |
| AUTO CUTTER | TYPE | Guillotine |

### • Splash Proof Cover



### • Paper Width Guide



### • Large Roll Paper



105 mm

83 mm

## THERMAL PRINTER
# SRP-350

**The industry's best Thermal Receipt Printer, the SRP-350 features fast printing speeds, a compact size, and an easy-to-load Drop and Print paper supply. This versatile printer offers a multiple interface that can quickly convert to a printer interface as your system evolves.**

• POS system

• Kitchen printer

• Electronic scale

• EFT-POS

• Measuring - equipment

• Lottery
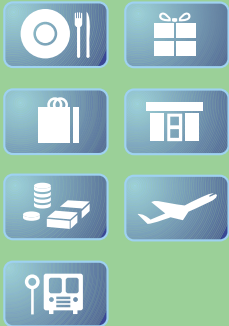
## Samsung thermal printer SRP-350 has all the benefits for your needs, Worldwide market proven quality !!!

**PRINTING SPEED**

### The High Speed in Its Class
The SRP-350 prints at speeds of up to 150mm per second.

**EASY SYSTEM**

### Easy System Integration
Drives are available for Windows 95/98/ME/NT4.0/XP/2003 server and OPOS.

**EASY LOAD**

### Drop In and Print Paper Loading
A simple drop-in loading system means that even inexperienced operators can load paper rolls with the minimum of effort.

**BIXOLON® LOGO DOWN LOAD**

### Software Utilities
Logo/firmware download program helps you use logo efficiently and easily.

**COMPACT**

### Compact Size
The SRP-350 has a small footprint that allows for flexible placement on a countertop or wall using an optional wall mount bracket.

**INTERFACES**

### Various Interface Cards
The SRP-350 features modular interface, RS-232C, RS-485, Parallel, Ethernet, USB and Bluetooth interfaces simply by ordering a new module.

**PRINT ALARM BUZZER**

### Print Alarm Buzzer
It is ideally suited to usage in food and beverage preparation areas. In fact, anywhere that information needs to be passed to a remote location. These remote locations are quite often noisy places so the SRP-350 is fitted with a print alarm buzzer (program option) as standard equipment.

Thermal printing assures virtually silent operation and keeps consumables to a minimum. Ribbons are not required. Black and white thermal paper is widely available and increased use of thermal printing has driven down paper costs significantly.

## SPECIFICATION FOR THE SRP-350 THERMAL PRINTER

| PRINT | PRINT METHOD | Direct Thermal |
|---|---|---|
| | PRINT SPEED | 150mm/ sec (47.2 LPS) |
| | PAPER SUPPLY METHOD | Easy Paper Loading |
| | RESOLUTION | 180 dpi (7dot/mm) |
| | CHARACTER SET | Alphanumeric Character : 96 |
| | | Extended Graphic : $128 \times 7$ page (1space page) |
| | | International Character : 32 |
| | CHARACTER SIZE | Font A : $12 \times 24$, Font B: $9 \times 17$ |
| | CHARACTER PER LINE | Font A : 42, Font B : 56 |
| | PAPER TYPE | Thermal paper |
| PAPER ROLL | WIDTH | 79.5 mm ± 0.5mm |
| | DIAMETER | Max. Ø 83.0mm |
| RELIABILITY | MCBF | 37,000,000 Lines |
| | AUTO CUTTER | 1.5 million cuts |
| | TPH | 100Km |
| BARCODES | | EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda bar, |
| | | UPC-A, UPC-E |
| EMULATION | | ESC/POS |
| FLASH MEMORY | | 16 Mbit |
| DRIVER | | Windows 95/98/Me/2000/NT/XP/2003 server, OPOS |
| SENSOR | | Paper Near End Sensor, Paper End Sensor |
| DRAWER PORT | | 2 ports |
| CONNECTIVITY | INTERFACE | RS-232C, IEEE1284, USB, RS-485, Ethernet, Bluetooth |
| OPTIONS | LANGUAGE | Buyer language support |
| | WALL MOUNT | RWM-350 |
| POWER | SUPPLY | AC120V~230V ± 10%(Include), DC24V, 2.3A |
| DIMENSION | | $145(W) \times 195(L) \times 146(H)$ mm |
| AUTO CUTTER | TYPE | Guillotine |

• *Splash Proof Cover*
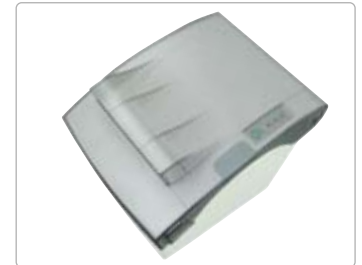
• *Wall-mount bracket*
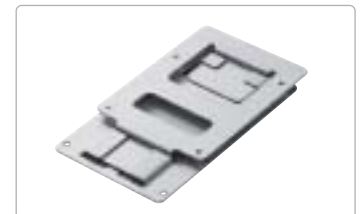
• *Easy Paper Loading (Drop-in and Print)*

• *Rear Side*

Interface     Drawer Port     Power Jack
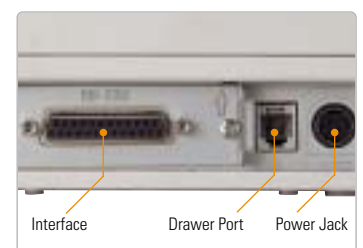
# 2nd GENERATION IMPACT PRINTER
# SRP-275

The **SRP-275** is **2nd generation Impact printer** which sets you free from embarrassing paper jams. This printer has more functions such as two-color printing and versatile paper roll sizes and boasts about fast speed and less printing noise. It's really successful series from SRP-270.

- *POS system*
- *Kitchen printer*
- *Electronic scale*
- *EFT-POS*
- *Measuring - equipment*
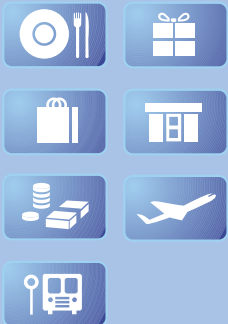
## *Versatile system features for all retail solutions!!!*
## *Versatile system features for all hospitality solutions!!!*

**EASY LOAD**

### Drop In and Print Paper Loading
Lift the lid, drop in the roll, close the lid and print. Nothing could be easier. No more feeding rolls through slots or rollers.

**PRINTING SPEED**

### Faster and Quieter
Logic seeking, bi-directional print technology allows higher speed than previous models with much less noise.

**PAPER WIDTH**

### Various Paper Width
The SRP-275 can easily be made to take different width paper roll sizes saving paper costs. The full width 76mm roll is standard and 69mm or 57mm can be chosen optionally.

**BUILT IN**

### Built-in Power Supply
It helps you arrange easy cabling under the desk and protect your system from unexpected short.

**EASY SYSTEM**

### Easy System Integration
Drivers are available for Windows 95/98/ME/NT4.0/XP/2003 server and OPOS. Logo/firmware download helps you use logo efficiently and easily.

**PRINT ALARM BUZZER**

### Print Alarm Buzzer
It is ideally suited to usage in food and beverage preparation areas. In fact, anywhere that information needs to be passed to a remote location. These remote locations are quite often noisy places so the SRP-275 is fitted with a print alarm buzzer (program option) as standard equipment.

The SRP-275 is ideal for both POS receipt printing and remote hospitality printing. It is a robust, high performance impact receipt printer which is exceptionally easy to use.  Featuring drop-in paper load, selectable auto-cutter and clamshell covers for easy access and maintenance, the SRP-275 is very reliable and prints on plain paper in three widths.

SRP-275A
(tear bar)

SRP-275C
(auto cutter)

## SPECIFICATION FOR THE SRP-275 IMPACT PRINTER

| | | |
|---|---|---|
| PRINT | PRINT METHOD | 9 pin serial impact dot matrix |
| | PRINT DIRECTION | Bi-directional, Logic seeking, Friction feed |
| | PRINT SPEED | 5.1 lines per second at 40 column |
| | PAPER SUPPLY METHOD | Drop in and print |
| | DOT PITCH | 0.352mm (1/72") |
| | DOT WIRE DIAMETER | 0.3mm (0.01") |
| | CHARACTERS PER LINE | Font A : 33, Font B : 40 |
| | PRINTING WIDTH | 63.34mm (2.49") |
| | LINE SPACING | 4.233mm (1/6 inch), Can be set by a command |
| | CHARACTER FONT | Font A : $7 \times 9$ / Font B : $9 \times 9$ |
| | CHARACTER SETS | Alphanumeric characters : 95, international characters : 48, Extended graphics : $128 \times 20$ pages |
| | MEMORY | Print buffer : 8 Kbytes NV image : 256 Kbytes |
| | CONTROL CODE EMULATION | ESC/POS, Star, Citizen. |
| | SOFTWARE | Utilities : Firmware/NV image download, Virtual memory switch manager |
| | DRIVERS | Windows 95/98/ME/2000/NT4.0/XP/2003 server, OPOS |
| | SENSORS | Paper end, paper near end, wall mounting paper near end, cover open |
| | BUZZER | Buzzer alarm |
| PAPER ROLL | WIDTH | 76, 69, 57 ± 0.5mm, 2.99", 2.74", 2.26" ± (0.22") |
| | THICKNESS | 0.06 - 0.09mm (0.002 - 0.003") |
| | DIAMETER | 83mm (3.27") - Core Max.19mm |
| RIBBON | TYPE | RRC-270 B/R (Black/Red) |
| RELIABILITY | MCBF | 18 million lines |
| | AUTO CUTTER | 1.5 million cuts |
| CONNECTIVITY | INTERFACE | Serial, Parallel, USB, Ethernet, Bluetooth |
| | DKD FUNCTION | 2 ports |
| | EMC/SAFETY STANDARD | CE, FCC, UL, TUV, GS |
| POWER | SUPPLY | AC100V~240V ± 10%, DC24V, 1.5A Internal/External installation |
| OPTIONS | PAPER CUTTER | SRP-275A(tear bar), SRP-275C(auto cutter) |
| | COLOR | Ivory, Dark Grey |
| | WALL MOUNT | Wall mount bracket |

**• Easy Paper Loading (Drop-in and Print)**

**• Built-in Power Supply**

**• Variable Paper Width**

76 mm

69 mm

57 mm

## IMPACT PRINTER
# SRP-270

World famous receipt printer **SRP-270** features the fast printing speed, high durability. Specially **SRP-270** is very suitable for the store manager to save running cost considerably.
The **SRP-270** has the solution such as multiple driver at any OS environment.

- POS system
- Kitchen printer
- Electronic scale
- EFT-POS
- Measuring - equipment
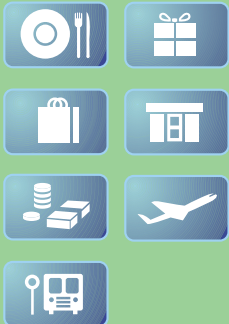
*Dot impact printer with excellent build quality ,suitable for all impact printing requirements. Samsung SRP-270 provides high reliability, quality and user of convenience.*

**PRINTING SPEED**

### Faster Print Speed
The SRP-270 prints at speeds of up to 4.6 lines per second.

**EASY SYSTEM**

### Easy System Integration
The SRP-270 is no exception, drivers are available for Windows 95 / 98 / ME / NT4.0 / XP / 2003 server and OPOS.

**MULTI COPY**

### High Operational Reliability
The market proven quality by world wide installation provides you option of an auto cutter and take up, and the ability to print one original plus two copies.

**INTERFACES**

### Various Interface Cards
The SRP-270 features modular interface, RS-232C, RS-485, Parallel, Ethernet, USB and Bluetooth interfaces simply by ordering a new module.

**A C D 3 MODELS**

### Three series models
There are 3 models to choose from, with varying options such as A type(tear-off bar), C type (auto cutter) and D type(journal take-up for 2 ply paper printing).

The **SRP-270** is an ideal low cost printer for point-of-sale applications. The modular user-friendly design, graphics capability, and 4.6 lines per second print speed offer reliable high performance in a compact, lightweight design.

*SRP-270A*
*(with tear-off bar)*

*SRP-270C*
*(with auto cutter)*

*SRP-270D*
*(with cutter and take-up spool)*

• Available in Dark Gray

## SPECIFICATION FOR THE SRP-270 IMPACT PRINTER

| | | |
|---|---|---|
| PRINT | PRINT METHOD | 9 pin serial impact dot matrix |
| | PRINT SPEED | 4.6 lines per second at 40 column |
| | PAPER SUPPLY METHOD | Auto Paper Loading |
| | CHARACTERS PER LINE | Font A : 33, Font B:40 |
| | PRINTING WIDTH | 63.34mm (2.49") |
| | CHARACTER FONT | Font A : 7 × 9 / Font B : 9 × 9 |
| | CHARACTER SETS | Alphanumeric characters : 95 |
| | | Extended Graphics : 128 × 7 Page (1 space page) |
| | | International Character : 32 |
| | CONTROL CODE EMULATION | ESC/POS |
| | DRIVERS | Windows 95/98/ME/2000/NT4.0/XP/2003 server, OPOS |
| | SENSORS | Paper end sensor |
| PAPER ROLL | WIDTH | 76 ± 0.5mm |
| | PAPER TYPE | Plain Paper |
| | DIAMETER | Max. Ø 83.0mm |
| RIBBON | TYPE | RRC-270 B/R (Black/Red) |
| RELIABILITY | MCBF | 18 million lines |
| | AUTO CUTTER | 1.5 million cuts |
| CONNECTIVITY | INTERFACE | Serial, Parallel, USB, Ethernet, Bluetooth |
| | DKD FUNCTION | Maximum 2 cash drawers |
| POWER | SUPPLY | AC120V~230V ± 10%, DC24V, 1A |
| OPTIONS | PAPER CUTTER | SRP-270A (tear bar), SRP-270C (auto cutter) |
| | | SRP-270D (Cutter & take-up spool) |
| | COLOR | Ivory, Dark Grey |
| | LANGUAGE | Buyer Language Support : |
| | | (Including Chinese, Thai, Arabic, Turkey) |

### • *Auto Paper loading*

### • *Ribbon Cassette*

Mono or 2 color

### • *Rear Side*

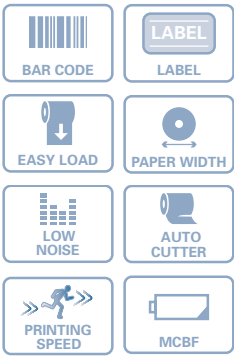Interface    Drawer Port    Power Jack
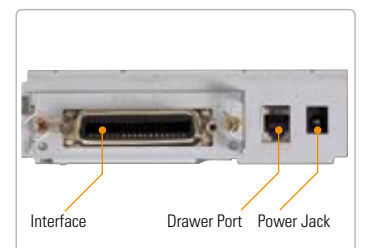
# THERMAL LABEL PRINTER
# SRP-770

The Samsung **SRP-770** direct thermal label printer provides top quality label printing for any application. With a print speed of 5 inches per second the SRP-770 will keep pace with demand.

High print definition ensures excellent read quality, even with the smallest text and the latest bar codes. Samlabel 'FREE' Professional Label Creation Software for PC.

BAR CODE | LABEL
EASY LOAD | PAPER WIDTH
LOW NOISE | AUTO CUTTER
PRINTING SPEED | MCBF

• SRP-770  C Type

• Paper Loading

• Peel Off

## SPECIFICATION FOR THE SRP-770 LABEL PRINTER

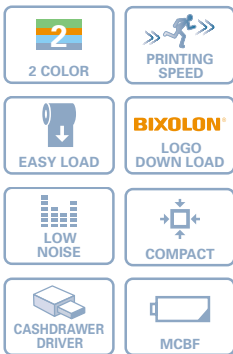| | | |
|---|---|---|
| **PRINT** | PRINT METHOD | Direct Thermal |
| | PRINT SPEED | 127mm/sec (5.1 IPS) |
| | RESOLUTION | 203 DPI (8dot/mm) |
| | PAPER SUPPLY METHOD | Easy Paper Loading |
| | CHARACTER SETS | 7 resident bitmap fonts, 7 code page Expandable up to 4X, soft storage BMP, PCX graphic supported |
| | EMULATION | SLCS/EPL II,  ZPLII,  ESC-POS |
| | DRIVERS | Windows 95/98/ME/2000/NT4.0/XP/2003 server |
| | SENSORS | Gap, Black mark, Notch Sensor |
| **PAPER ROLL** | PAPER TYPE | Label, Tag |
| | WIDTH | 1.5 ~ 4.1" (38.1 ~ 104.1mm) |
| | DIAMETER | Inside : 1~1.5" |
| **BARCODES** | | EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC-A, UPC-E, PDF417, Maxicode |
| **RELIABILITY** | MCBF | 20,000,000 Lines |
| | AUTO CUTTER | 1 million cuts |
| | TPH | 50km |
| **CONNECTIVITY** | INTERFACE | Serial, Parallel, USB (All standard) |
| **POWER** | SUPPLY | AC 100~240 V ± 10%(Include), DC 24V, 3.75A |
| **OPTIONS** | AUTO CUTTER | Guillotine |
| | LANGUAGE | Buyer Language Support |

## INKJET PRINTER
# SRP-500

Enhances any Epos system. Makes the most of color and graphics. Aimed at Specialty retail, department stores, restaurants, fast food and bars, convenience stores, laundry systems and anywhere where a permanent printed record is required.

Inkjet printer technology set to revolutionize receipt printing. Combining the manufacturing skills and experience of Samsung and inkjet cartridge expertise of Hewlett Packard to produce a printer that provides lower cost of ownership than thermal receipt printers with the advantage of two color print.

**2 COLOR** | **PRINTING SPEED**
**EASY LOAD** | **LOGO DOWN LOAD** (BIXOLON)
**LOW NOISE** | **COMPACT**
**CASHDRAWER DRIVER** | **MCBF**

### • Colorful Promotion

### • Easy Ink replacement

### • Ink Cartridge
Black, Red, Green, Blue

## SPECIFICATION FOR THE SRP-500 INKJET PRINTER

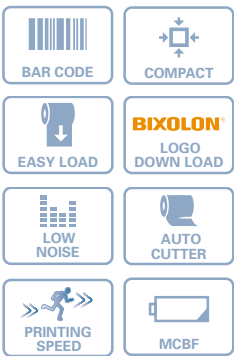| PRINT | PRINT METHOD | Color Inkjet |
|---|---|---|
| | PRINT SPEED | 13 LPS (at 12 column) |
| | RESOLUTION | 104/208 DPI |
| | PAPER SUPPLY METHOD | Easy Paper Loading |
| | CHARACTERS PER LINE | Font A : 32,  Font B : 43 |
| | CHARACTER FONT | Font A : 12 × 12,  Font B : 12 × 14 |
| | CHARACTER SETS | Alphanumeric characters : 95 |
| | | Extended Graphics : 128 × 12 Page |
| | | International Character : 32 |
| | EMULATION | ESC/POS, IDP3541 |
| | DRIVERS | Windows 95/98/ME/2000/NT4.0/XP/2003 server, OPOS |
| | SENSORS | Paper near end, Low ink indicator, No cartridge indicator, Front/Rear cover open |
| PAPER ROLL | WIDTH | 76 ± 0.5mm |
| | PAPER TYPE | Plain Paper |
| | DIAMETER | Max. Ø 83.0mm |
| BARCODES | | EAN-13, EAN-8, Code39, Code128, ITF, Code bar, UPC-A, UPC-E |
| RELIABILITY | MCBF | 18,000,000  lines |
| | AUTO CUTTER | 1.5 million cuts |
| CONNECTIVITY | INTERFACE | Serial, Parallel, USB, Ethernet, Bluetooth |
| | DRAWER PORT | 2 ports |
| POWER | SUPPLY | AC 96 ~ 264V (Include), DC 24V, 2.5A |
| OPTIONS | AUTO CUTTER TYPE | Rotary |
| | COLOR | Ivory, Dark Grey |
| | LANGUAGE | Buyer Language Support |

# THERMAL PRINTER
# STP-131

The **STP-131** offers cost-effective efficiency in thermal receipt printing.

This **high speed, low cost direct thermal printer** offers many of the features found in more expensive printers including near end , end of paper sensing, full graphics, and barcode printing support.
The **STP-131** accommodates Serial & Parallel interfaces in one board and has versatile download functions for logos, firmware and fonts.

BAR CODE
COMPACT
EASY LOAD
BIXOLON® LOGO DOWN LOAD
LOW NOISE
AUTO CUTTER
PRINTING SPEED
MCBF

• Indicator

• Auto Paper Loading

• Serial + Parallel Convertible Board

Interface
Power Jack
Drawer Port

## SPECIFICATION FOR THE STP-131 THERMAL PRINTER

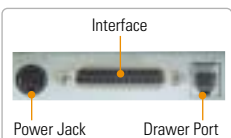| PRINT | PRINT METHOD | Direct Thermal |
|---|---|---|
| | PRINT SPEED | 73.3mm/sec (17.3 LPS) |
| | RESOLUTION | 180 DPI (7dot/mm) |
| | PAPER SUPPLY METHOD | Auto Paper Loading |
| | Character Size | Font A : 12 × 24, Font B : 9 × 24 |
| | Character per line | Font A : 42, Font B : 56 |
| | CHARACTER SETS | Alphanumeric Character : 95 |
| | | Extended Graphic : 128 × 7 Page (1 space page) |
| | | International Character : 32 |
| | EMULATION | ESC/POS |
| | DRIVERS | Windows 95/98/ME/2000/NT4.0/XP/2003 server, OPOS |
| | SENSOR | Paper near end sensor, Paper end sensor |
| PAPER ROLL | PAPER TYPE | Thermal Paper |
| | WIDTH | 79.5 ± 0.5mm |
| | DIAMETER | Max. Ø 83.0mm |
| BARCODES | | EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, |
| | | Coda bar, UPC-A |
| RELIABILITY | MCBF | 30,000,000 Lines |
| | AUTO CUTTER | 1.5 million cuts |
| | TPH | 100 km |
| FLASH MEMORY | | 8 Mbit |
| CONNECTIVITY | INTERFACE | RS-232C, IEEE-1284 |
| POWER | SUPPLY | AC120 ~230V ± 10%(include) DC 24V, 2.3A |
| DIMENSION | | 150(W) × 205(L) × 132(H) mm |
| OPTIONS | AUTO CUTTER | Guillotine |
| | LANGUAGE | Buyer Language Support |

## THERMAL PRINTER
# STP-103

With its **speed, quality and value,** the Samsung **STP-103** thermal receipt printer is clearly first in its class. This user-friendly design incorporates a small footprint ,drop and print, and can print at a speed of 50mm per second. Its ability to produce large clear print on 58mm wide paper is found on no other compact printer.
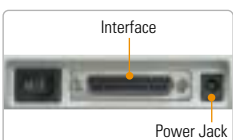
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**BAR CODE**

**COMPACT**

**EASY LOAD**

**BIXOLON**
**LOGO DOWN LOAD**

**LOW NOISE**

**MCBF**

**MANUAL CUT**

**• Cash Drawer Port**

**• Easy Paper Loading**

**• Serial + Parallel Convertible Board**

Interface

Power Jack

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### SPECIFICATION FOR THE SRP-103 THERMAL PRINTER

| | | | |
|---|---|---|---|
| **PRINT** | PRINT METHOD | | Direct Thermal |
| | PRINT SPEED | | 50mm/sec (11.8 LPS) |
| | RESOLUTION | | 203 DPI (8dot/mm) |
| | PAPER SUPPLY METHOD | | Easy Paper Loading |
| | Character Size | | Font A : 12 × 24, Font B : 9 × 24 |
| | Character per line | | Font A: 322, Font B: 42 |
| | CHARACTER SETS | | Alphanumeric Character :95 |
| | | | Extended Graphic : 128 × 7 Page (1 space page) |
| | | | International Character : 32 |
| | EMULATION | | ESC/POS |
| | DRIVERS | | Windows 95/98/ME/2000/NT4.0/XP/2003 server, OPOS |
| | SENSOR | | Paper near end sensor, Paper end sensor |
| | PAPER TYPE | | Thermal Paper |
| **PAPER ROLL** | WIDTH | | 58 ± 0.5mm |
| | DIAMETER | | Max. Ø 60.0mm |
| **BARCODES** | | | EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, |
| | | | Coda bar, UPC-A |
| **RELIABILITY** | MCBF | | 30,000,000 Lines |
| | TPH | | 100km |
| **CONNECTIVITY** | INTERFACE | | RS-232C, IEEE-1284 |
| **POWER** | SUPPLY | | AC120 ~230V ± 10%(include) DC 24V, 1.5A |
| **DIMENSION** | | | 100(W) × 191(L) × 90(H) mm |
| **OPTIONS** | CUTTER TYPE | | Manual Cutter |
| | LANGUAGE | | Buyer Language Support |
| | DRAWER PORT | | STP-103DK |

# MINI PRINTER SOLUTION

## New
### 2 color Thermal Printer
# SRP-370/372
2 color printing with high speed



Samsung Mini Printers keep at the forefront of technology and commitment to reliability with new model. The SRP-370 two color fast print speed thermal printer is ideal for retail and hospitality applications and allows you to print receipt with company logos and barcodes plus add coupons.

DARK GRAY COLOR | AUTO CUTTER | EASY LOAD | On-Time STATUS CHECK
OPOS SYSTEM | 2 COLOR | BAR CODE
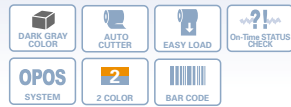
## New
### 2nd Generation Impact Printer
# SRP-275
durable & easy paper loading



The SRP-275 is 2nd generation Impact printer which sets you free from embarrassing paper jams. This printer has more functions such as two-color printing and versatile paper roll sizes and boasts about fast speed and less printing noise. It's really successful series from SRP-270.

DARK GRAY COLOR | AUTO CUTTER | EASY LOAD | On-Time STATUS CHECK
OPOS SYSTEM | BAR CODE

### Thermal Printer
# SRP-350
Reliable & High Quality



With speed, quality and value, the samsung SRP-350 thermal receipt printer is clearly first in it's class. It easily with stands the rigors of tough enviroment, printing receipts, coupons, logos or bar codes.

DARK GRAY COLOR | AUTO CUTTER | EASY LOAD | On-Time STATUS CHECK
OPOS SYSTEM | BAR CODE

| ITEM | | SRP-370/372 2 color Thermal Printer | SRP-275 2nd generation Impact Printer | SRP-350 Thermal Printer Reliable & High quality |
|---|---|---|---|---|
| PRINT | PRINTING METHOD | Direct Thermal | 9 pin serial impact dot matrix | Direct Thermal |
| | PRINTING SPEED | 200mm/ sec (61.7 LPS) | 5.1 lines per second at 40 column | 150mm/sec (46.2LPS) |
| | RESOLUTION (dpi) | SRP-370:180 dpi (7dot/mm) , SRP-372:203 dpi (8dot/mm) | | 180 dpi (7 dot/mm) |
| | CHARACTER SIZE | Font A : 12 × 24,      Font B: 9 × 17 | Font A : 7 × 9      Font B : 9 x 9 | FontA : 12 × 24      FontB : 9 × 17 |
| | CHARACTER PER LINE | Font A : 42      Font B : 56 | Font A : 33      Font B:40 | FontA : 42      FontB : 56 |
| PAPER SPECIFICATION | PAPER TYPE | Mono & 2 color thermal paper | | Thermal Paper |
| | PAPER WIDTH | 57.5 ± 0.5mm,  79.5 ± 05.mm,  82.5 ± 05.mm | 63.34mm (2.49") | 79.5 ± 0.5mm |
| | PAPER ROLL DIAMETER | Max.Ø 105.0mm | Max. Ø 83.0mm | Max. Ø 83.0mm |
| PAPER SUPPLY METHOD | | Easy Paper Loading | Drop in and print | Easy paper loading |
| RELIABILITY | MCBF | 70,000,000 Lines | 18,000,000 Lines | 37,000,000 Lines |
| | TPH LINE | 150Km | | 100km |
| CHARACTER SET | | Alphanumeric Character : 96 | Alphanumeric characters : 95 | Alphanumeric Character : 95 |
| | | Extended Graphic : 128 × 7 page (1space page) | Extended graphics : 128 × 20 pages | Extended Graphic : 128 × 7 page (1 space page) |
| | | International Character : 32 | International characters : 48 | International Character : 32 |
| BARCODES | | 1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Code Bar, UPC-A, UPC-E  / 2D(Option): PDF417, QR Code | | EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Code Bar, UPC-A, UPC-E |
| EMULATION | | ESC/POS | ESC/POS, Star, Citizen. | ESC/POS |
| FLASH MEMORY | | 16 Mbit | Print buffer : 8 Kbytes NV image : 256 Kbytes | 8 Mbit |
| DRIVER | | Win 95/98/Me/2000/NT/XP/2003 server, OPOS | Win 95/98/ME/2000/NT4.0/XP/2003 server, OPOS | Win 95/98/Me/2000/NT/ XP/2003 server, OPOS |
| SENSOR | | Paper Near End Sensor, Paper End Sensor | Paper End, Paper Near End, Wall Mounting Paper Near End | Paper Near End Sensor / End Sensor |
| DRAWER PORT | | 2 ports | 2 ports | 2 ports |
| INTERFACE | | RS-232C, IEEE1284,USB,RS-485,Ethernet,Bluetooth | Serial, Parallel, USB, Ethernet | RS-232C, IEEE-1284, USB, RS-485, Ethernet, Bluetooth |
| OPTION | WALL MOUNT | RWM-350 | RWM-275 | RWM-350 |
| | LANGUAGE | Buyer Language Support | Buyer Language Support | Buyer Language Support |
| POWER SUPPLY (Adapter) | | AC 120V~230V ± 10%(Include), DC 24V, 2.3A | AC100V~240V ± 10%, DC 24V. 1.5A  Internal/External installation | AC 120 ~ 230V ± 10%(include), DC 24V, 2.3A |
| DIMENSIONS | W × L × H (mm) | 146 × 204 × 160 | A : 160 × 239 × 157  C : 160 × 239 × 157 | 145 × 195 × 146 |
| OPERATING TEMP. | | 0 ~ 45℃ | 0 ~ 45℃ | 0 ~ 45℃ |
| AUTO CUTTER | TYPE | Guillotine | Rotary | Guillotine |
| | | 1,500,000 cuts | 1,500,000 cuts | 1,500,000 cuts |

## Thermal Printer
# STP-131
### Robust & Cost-effective

Accomodation of Serial & Parallel in one board and versatile download fuction such as logo, firmware and font.

DARK GRAY COLOR | AUTO CUTTER | Auto Feed
BAR CODE | On-Time STATUS CHECK

## Thermal Printer
# STP-103
### Compact with easy paper loading

With speed,quality and value, the Samsung STP-103 thermal receipt printer is clearly first in it's class. The user-friendly design in corporates a small footprint, drop and print.

DARK GRAY COLOR | EASY LOAD | On-Time STATUS CHECK
BAR CODE

## Label Printer
# SRP-770
### High speed & High performance

Produces direct thermal labels for retail, warehouse, shipping / receiving, medical and many other applications. USB, serial and parallel interface standard on every printer.

AUTO CUTTER | EASY LOAD | On-Time STATUS CHECK
LABEL | MULTIPLE | 2D BAR CODE
BAR CODE

## 2 Color Impact Dot Printer
# SRP-270
### Reliable & Rugged

World best receipt printer SRP-270 features the fastest printing speed, high durability. It is an ideal printer to install in any enviroment where high-volume transactions are required.

AUTO CUTTER | Auto Feed | 2 COLOR

## Color Inkjet Printer
# SRP-500
### 2 Color Printing with Easy Paper Loading

Add a splash of color to print distinctive receipts with logos, coupons, rebates and specials. Using HP's state-of-the-art inkjet technology, the SRP-500 combines high speed and low cost of ownership.

DARK GRAY COLOR | AUTO CUTTER | EASY LOAD
OPOS SYSTEM | 2 COLOR | BAR CODE
On-Time STATUS CHECK

| STP-131 Robust & Cost-effective | STP-103 Compact with easy paper loading | SRP-770 Thermal Printer High speed & High performance | SRP-270 2 Color Impact dot Printer Reliable and rugged | SRP-500 Color Inkjet Printer 2 Color printing with easy paper loading |
|---|---|---|---|---|
| Direct Thermal | Direct Thermal | Direct Thermal | 9Pin Serial dot matrix | Color Inkjet |
| 73.3mm/sec (17.3LPS) | 50mm/sec (11.8LPS) | 127 mm/sec (5 LPS) | 4.6 LPS (40 mm/sec) | Max. 13LPS (at 12 column) |
| 180 dpi (7 dot/mm) | 203 dpi (8 dot/mm) | 203 dpi (8 dot/mm) | | 104 / 208 dpi |
| FontA : 12 × 24    FontB : 9 × 24 | FontA : 12 × 24    FontB : 9 × 24 | - | FontA : 7 × 9    FontB : 9 × 9 | FontA : 12 × 12    FontB : 12 × 14 |
| FontA : 42    FontB : 56 | FontA : 32    FontB : 42 | - | Font A : 40    Font B : 33 | FontA : 32    FontB : 43 |
| Thermal Paper | Thermal Paper | Labels, tag, Continuous, Fan-fold | Plain paper | Plain paper |
| 79.5 ± 0.5mm | 58 ± 0.5mm | 1 ~ 4  (25.4 ~ 101.6mm) | 76 ± 0.5mm | 76 ± 0.5mm |
| Max. Ø 83.0mm | Max. Ø 60.0mm | Inside Dia. 1 ~ 1.5  (25.4 ~ 38.1mm) Outside Dia. Max. 5.1  (130mm) | Max. Ø 83.0mm | Max. Ø 83.0mm |
| Auto paper loading | Easy paper loading | Easy paper loading | Auto paper loading | Easy paper loading |
| 30,000,000 Lines | 30,000,000 Lines | 20,000,000 Lines | 18,000,000 Lines | 18,000,000 Lines |
| 100km | 100km | 50km | | |
| Alphanumeric Character : 95 Extended Graphic : 128 × 7 page (1 space page) International Character : 32 | Alphanumeric Character : 95 Extended Graphic : 128 × 7 page (1 space page) International Character : 32 | 7 resident bitmap fonts, 7 code page, expandale up to 4X, soft font storage BMP, PCX graphic supported | Alphanumeric Character : 95 Extended Graphic : 128 × 7 page (1 space page) International Character : 32 | Alphanumeric Character : 95 Extended Graphic : 128 × 12 page International Character : 32 |
| EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Code Bar, UPC-A | EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Code Bar, UPC-A, UPC-E | Code 39, Code 128, Interleave 2 of 5, Code Bar, Code 93, UPC-A, UPC-E, EAN-8, EAN-13, UCC-EAN 128, Maxicode(2D), PDF 417(2D) | | EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Code Bar, UPC-E |
| ESC/POS | ESC/POS | EPL II / ZPL | ESC/POS | ESC/POS, IDP3541 |
| 8 Mbit | 8 Mbit | 8 Mbit | | 8 Mbit |
| Win 95/98/ME/2000/NT/XP/2003 server/OPOS | Win 95/98/ME/2000/NT/XP | Win 95/98/ME/2000/NT/XP/2003 server | Win 95/98/ME/2000/NT/XP/2003 server | Win 95/98/2000/NT/XP/2003 server/OPOS |
| Paper Near End Sensor / End Sensor | Paper Near End Sensor / End Sensor | Gap, Black Mark, Notch Sensor | Paper End Sensor | Low Ink Indicator, No Cartridge Indicator, Paper Near End Sensor, Front/Rear Cover Open Sensor |
| 2 ports | 1 port | | 2 ports | 2 ports |
| RS-232C, IEEE-1284 | RS-232C, IEEE-1284 | RS-232C, IEEE-1284, USB (All standard) | RS-232C, IEEE-1284, USB, RS-485, Ethernet, Bluetooth | RS-232C, IEEE-1284, USB, Ethernet, Bluetooth |
| Buyer Language Support | Buyer Language Support | Buyer Language Support | Buyer Language Support | Buyer Language Support |
| AC 120 ~ 230V ± 10%(include), DC 24V, 2 ~ 2.3A | AC 120 ~ 230V ± 10%(include), DC 24V, 1.5A | AC 100V ~ 240V ± 10%(include), DC 24V, 3.75A | AC120 ~ 230V ± 10%(include), DC 24V, 1A | AC 96 ~ 264V(include), 2.5A |
| 150 × 205 × 132 | 100 × 191 × 90 | 184 × 221 × 171 | Type A : 160 × 249 × 130 Type B : 160 × 249 × 149 Type C : 160 × 249 × 160 | 172 × 226 × 152 |
| 0 ~ 45℃ | 0 ~ 45℃ | 0 ~ 45℃ | 0 ~ 45℃ | 0 ~ 45℃ |
| Guillotine | Manual cutter | Guillotine | Guillotine | Rotary |
| 1,500,000 cuts | | 1,000,000 cuts | 1,500,000 cuts | 1,500,000 cuts |

# MECHANISM SOLUTION

## SMP600
### Thermal Printer Mechanism
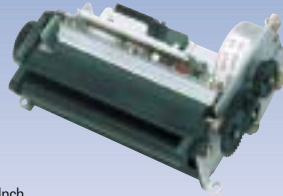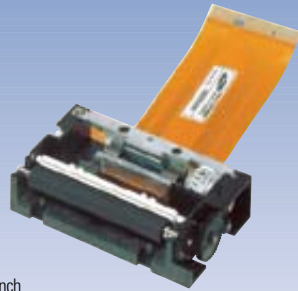
## SMP610
### Thermal Printer Mechanism
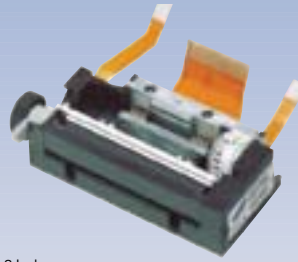
## SMP610H
### Thermal Printer Mechanism

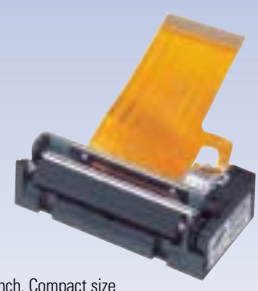| ITEM | | SMP600 | SMP610 | SMP610H |
|---|---|---|---|---|
| | | 3 Inch | 2 Inch | 2 Inch |
| **PRINTING METHOD** | | Thermal Line Dot Printing | Thermal Line Dot Printing | Thermal Line Dot Printing |
| **RESOLUTION (dpi)** | | 7 dot/inch (180 dpi) | 8 dot/mm (203 dpi) | 8 dot/mm (203 dpi) |
| **PRINTING WIDTH** | | 72mm (512 dots) | 48mm (384 dots) | 48mm (384 dots) |
| **PRINTING SPEED** | | 73mm/sec (at 24DCV) | 60mm/s (at 8.5 DCV) | 62.5mm/sec (at 7.2 DCV) |
| **PAPER WIDTH** | | 79.5 ± 0.5mm | 57.5 ± 0.5mm | 57.5 ± 0.5mm |
| **DOT SIZE (W X M MM)** | | 0.141 × 0.141 | 0.125 × 0.125 | 0.125 × 0.125 |
| **CHARACTER SIZE** | | 1.27 × 3.38mm (9 x 24) Chinese Font | 1.125 × 3.0mm (9 x 24) | 1.125 × 3.0mm (9 x 24) |
| **FONT SIZE** | A TYPE | 1.69 × 3.38mm (12 x 24) | 1.5 × 3.0mm (12 x 24) | 1.5 × 3.0mm (12 x 24) |
| | B TYPE | 3.38 × 3.38mm (24 x 24) | | |
| **NUMBER OF PRINTING CHARACTERS** | | 56, 42, 21 / line | 42,32 / line | 42,32 / line |
| **LINE PITCH** | | 4.23mm (30 dots) 1.6 inch Spacing | 3.75 mm (30 dots) | 3.75mm (30 dots) |
| **POWER SUPPLY** | DRIVE | 24VDC ± 7% | 5.0 ~ 8.5 DCV | 3.6 ~ 7.2 DCV |
| | LOGIC | 5VDC ± 5% | 5 DCV ± 5% | 5 DCV ± 5% |
| **RELIABILITY** | HEAD | 5 × 107pulses | 5 × 107 Pulses | 1 × 108pulses |
| | MECHANISM | 10,000,000 Lines | 50Km | 50Km |
| **CUTTER METHOD OF PAPER** | | Manual Cutter / Auto Cutter (Option) | - | With Auto cutter (Partial cut) |
| **PAPER SUPPLY METHOD** | | Auto paper loading | Auto paper loading | Auto paper loading |
| **DIMENSIONS (W × L × H mm)** | | 110.1 × 69.7 × 43 | 80.5 × 34.5 × 17.5 | 73.8 × 42 × 20 |

## SMP620
### Thermal Printer Mechanism

## SMP640
### Thermal Printer Mechanism

## SMP650
### Thermal Printer Mechanism

| ITEM | | SMP620 | SMP640 | SMP650 |
|---|---|---|---|---|
| | | 2 Inch | 2 Inch, Mobile Type | 2 Inch, Compact size |
| **PRINTING METHOD** | | Thermal Line Dot Printing | Thermal Line Dot Printing | Thermal Line Dot Printing |
| **RESOLUTION (dpi)** | | 8 dot/mm (203 dpi) | 8 dot/mm (203 dpi) | 8 dot/mm (203 dpi) |
| **PRINTING WIDTH** | | 48mm (384 dots) | 48mm (384 dots) | 48mm (384 dots) |
| **PRINTING SPEED** | | 65mm/sec (at 7.2 DCV) | 70mm/sec (at 7.2 DCV) | 65mm/sec (at 7.2 DCV) |
| **PAPER WIDTH** | | 57.5 ± 0.5mm | 57.5 ± 0.5mm | 57.5 ± 0.5mm |
| **DOT SIZE (W x M mm)** | | 0.125 × 0.125 | 0.125 × 0.125 | 0.125 × 0.125 |
| **CHARACTER SIZE** | | 1.125 × 3.0mm (9 × 24) | 1.125 × 3.0mm (9 × 24) | 1.125 × 3.0mm (9 x 24) |
| **FONT SIZE** | A TYPE | 1.5 × 3.0mm (12 × 24) | 1.5 × 3.0mm (12 × 24) | 1.5 × 3.0mm (12 x 24) |
| | B TYPE | | | |
| **NUMBER OF PRINTING CHARACTERS** | | 42,32 / line | 42,32 / line | 42,32 / line |
| **LINE PITCH** | | 3.75mm (30 dots) | 3.75mm (30 dots) | 3.75mm (30 dots) |
| **POWER SUPPLY** | DRIVE | 5.0 ~ 8.5 DCV | 3.6 ~ 7.2 DCV | 3.6 ~ 7.2 DCV |
| | LOGIC | 5 DCV ± 5% | 5 DCV ± 5% | 5 DCV ± 5% |
| **RELIABILITY** | HEAD | 5 × 107pulses | 1 × 108pulses | 5 × 107pulses |
| | MECHANISM | 50Km | 50Km | 50Km |
| **CUTTER METHOD OF PAPER** | | | | |
| **PAPER SUPPLY METHOD** | | Easy paper loading | Easy paper loading | Easy paper loading |
| **DIMENSIONS (W × L × H mm)** | | 72.5 × 39.5 × 16 | 66.7 × 30.3 × 30.6 | 68.8 × 32.5 × 15.5 |

## New
# SMP2000II
Impact Printer Mechanism

## New
# SMP2000II A
Impact Printer Mechanism

| ITEM | | SMP2000II | SMP2000II A |
|---|---|---|---|
| PRINT SPEED (LPS) | | 4.2 LPS (3 Inch) | 3.6 LPS (3 Inch) |
| PRINT DIRECTION | | Bi-Direction | Bi-Direction |
| PRINTER METHOD | | 9-pin, Serial Impact dot | 9-pin, Serial Impact dot |
| PRINTING WIDTH (mm) | | 45.3(2.3 Inch), 63.5(3 Inch) | 45.3(2.3 Inch), 63.5(3 Inch) |
| RESOLUTION (dpi) | HORIZENTAL | 168 | 160 |
| | VERTICAL | 144 | 144 |
| PAPER | MEDIA | Roll Paper | Roll Paper |
| | WIDTH (mm) | 57.5(2.3 Inch), 76.2(3 Inch) | 57.5(2.3 Inch), 76.2(3 Inch) |
| | THICKNESS | With copy(2P) 0.2 mm | With copy(2P) 0.2 mm |
| RELIABILITY | | 10 Million Lines | 10 Million Lines |
| HEAD LIFE | | 300 Million Lines/Wire | 300 Million Lines/Wire |
| VOLTAGE | MECHANISM | 24V ± 10% | 24V ± 10% |
| | LOGIC | 5V ± 5% | 5V ± 5% |
| FONT SIZE | | 3 Inch : 7 × 9, 9 × 9, 16 × 16 | 3 Inch : 7 × 9, 9 × 9, 16 × 16 |
| | | 2.3 Inch : 7 × 9, 9 × 9, 16 × 16 | 2.3 Inch : 7 × 9, 9 × 9, 16 × 16 |
| PRINTING COLUMNS | FONT A (7 × 9) | 30(2.3 Inch), 42(3 Inch) | 30(2.3 Inch), 42(3 Inch) |
| | FONT B (9 × 9) | 25(2.3 Inch), 35(3 Inch) | 25(2.3 Inch), 35(3 Inch) |
| OPERATION TEMPERATURE | | 0 ~ 50 ℃ | 0 ~ 50 ℃ |
| PAPER FEEDING | | Performed by step motor | Performed by step motor |
| WEIGHT (g) | | 460 | 460 |
| DIMENSION (W × L × H mm) | | 127.8 × 100.3 × 53 | 127.8 × 100.3 × 53 |
| OPTION | BLACK MARK SENSOR | Applicable | Applicable |
| | AUTO CUTTER | Applicable | Applicable |

# SMP130
Impact Printer Mechanism
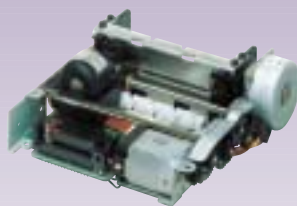
# SMP136
Thermal Printer Mechanism

## New
# SMP150
Thermal Printer Mechanism

| ITEM | | SMP130 | SMP136 | SMP150 |
|---|---|---|---|---|
| PRINT SPEED (LPS) | | 4.0 LPS (40 Column only) | 4.5 (40 Column), 8.0 (20 Column) | 4.3 LPS (43 Column) |
| PRINT DIRECTION | | Bi-Direction | Bi-Direction | Bi-Direction |
| PRINTER METHOD | | 9-pin, Serial impact dot | 9-pin, Serial impact dot | 9-pin, Serial Impact dot |
| PRINTING WIDTH (mm) | | 53.2 | 53.2 | 57.6 |
| RESOLUTION (dpi) | HORIZENTAL | 172 | 172 | 172 |
| | VERTICAL | 72 | 144 | 144 |
| PAPER | MEDIA | Fan fold | Fan fold | Fan Fold |
| | WIDTH (MM) | 76.2 ± 0.7 | 76.2 ± 0.7 | 76.2 ± 0.5 |
| | THICKNESS | 1 Sheet : 0.06 ~ 0.085 mm. Total 0.2 mm | 1 Sheet : 0.06 ~ 0.085 mm. Total 0.2 mm | 1 Sheet : 0.06 ~ 1.085 mm. Total 0.2 mm |
| RELIABILITY | | 5 Million Lines | 5 Million Lines | 5 Million Lines |
| HEAD LIFE | | 200 Million Dots/Wire | 200 Million Dots/Wire | 200 Million Lines/Wire |
| VOLTAGE | MECHANISM | 24V ± 10% | 24V ± 10% | 24V ± 10% |
| | LOGIC | 5V ± 5% | 5V ± 5% | 5V ± 5% |
| FONT SIZE | | 7 × 9, 9 × 9 | 7 × 9, 9 × 9, 16 × 16 | 7 × 9, 9 × 9, 16 × 16 |
| PRINTING COLUMNS | FONT A (7X9) | 40 | 40 | 43 |
| | FONT B (9X9) | 32 | 32 | 39 |
| OPERATION TEMPERATURE | | 0 ~ 50 ℃ | 0 ~ 50 ℃ | 0 ~ 50 ℃ |
| PAPER FEEDING | | Performed by Step motor | Performed by Step motor | Performed by step motor |
| WEIGHT (g) | | 410 | 345 | 345 |
| DIMENSION (WxLxHmm) | | 114.9 × 107.8 × 35.8 | 113.5 × 107.8 × 35.8 | 113.5 × 107.8 × 35.8 |
| OPTION | BLACK MARK SENSOR | Not applicable | Not applicable | Not applicable |
| | AUTO CUTTER | Not applicable | Not applicable | Not applicable |

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