

PR90 Plus

Passbook · Transactional Printer

> Ideal for banks, post offices, travel agencies, public administration, healthcare, insurance companies and transportation.



The ultimate performance in its category, combined with the best ergonomics to fit in the busiest front desks for tellers in bank branches or any industry where fast transaction safe print is a must.

Performance at your fingertips

The PR90 Plus has been designed to meet the most demanding performance requirements. With print speed reaching 684 characters per second the PR90 Plus is by far the fastest transactional printer on the market today.

Superior build quality

Each component of the printer is built to the highest industry standard. A new redesigned cover with flat top surface and lower height allows better fitting into space restricted counters.

The print head design with special needles made of Tungsten carbide offers high quality, precision and improved life span. The precise mechanism ensures best in class paper handling and highest print quality.



Value & Quality Features

- > Print speeds reaching 684 characters per second (in 12 cpi mode).
- > New redesigned flat low cover for better space management.
- > Unique 2 lines x 20 chars display for clear and comprehensive messages.
- > Passbook and cut sheet.
- > Improved connectivity with multiple easy to install interface choices.
- > User friendly interface.
- > 24-wire print head for high print quality.
- > Print head life of 600 million dots/needle (400 M character).
- > Improved MICR support (option).



Let's get in touch!
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Technical Specifications PR90 Plus

Feature rich printer

Built with the ease of use in mind, the PR90 Plus manipulation is a snap. It is equipped with an LCD that displays 2 lines of 20 characters each, unique in its category, a user friendly interface and enough buttons to operate the printer with utmost simplicity. Its unique design allows easy access for maintenance and ribbon change.

When it comes to connectivity, the PR90 Plus is distinguished with its extreme flexibility. With space to account for optional parallel interface, dual serial ports, USB, and LAN, PR90 Plus satisfies all your environment needs.

Technical Specifications

Print Technology

24-pin, impact dot matrix

Print Speed

10 cpi	12 cpi
Draft: 570 cps	Draft: 684 cps
DP: 414 cps	DP: 497 cps
NLQ: 207 cps	NLQ: 248 cps
LQ: 140 cps	LQ: 168 cps

Character Sets

PC Code Pages: 437, 850-858, 860-866, Windows 1250-1257, ISO 8859/1-9, ISO 8859/15, Epson Char Set in 13 national versions, Arabic IBM 864, PC 4352, Farsi Code page, Olivetti code tables

Character Attributes

Bold, underline, overline, sub & superscript, double width, double height, double width and height, horizontal & vertical expansion, italic

Fonts

Arabic, Roman, Sans Serif, Italic, OCR-A, OCR-B, Chinese and other national character sets

Barcodes

Interleaved 2/5, Industrial 2/5, EAN-8, EAN-12, Code 39, 128, Codabar, UPC/A, UPC/E

Print Characteristics

Character spacing: 5, 10, 12, 12.9, 15, 16.6, 17.1, 18, 20, 30 cpi
Line spacing: 6, 8, lpi, n/60, n/72, n/180, n/216, n/360 per inch
Print line length: 94 characters @10 cpi

Resolution 360 x 360 dpi (HxV)

Paper Handling

- Cut sheet and passbooks from front
- Automatic document alignment
- Automatic document edge sensing
- Automatic pressure adjustment depending on paper thickness

Passbook specifications: thickness: max. 2.0 mm; **width:** 110 mm - 241 mm
Single Sheet Width: 80 - 245 mm
Single Sheet Weight: 30 to 160g/m²;
Formsets up to 240 g/m²

Copies 1 original + 5 copies

Emulation

IBM® Proprinter II / X24; IBM® 9068; Epson; ESC/P2; IBM 4722; Olivetti PR2E/PR40+; OKI 5530SC

Interface & Connectivity

Standard: Serial RS-232, Parallel, USB,
Option: Second Serial port / USB 2.0 optional Integrated LAN

Optional Devices

Magnetic strip reader/writer, MICR reader, Scanner, 64 K

Memory 16 MBytes

Diagnostics

Selftest, hexdump, remote diagnostics via interface, Unique ID-number

Reliability

MTBF: 10,000 hours @25% duty cycle

Consumables

Type: Black ribbon cartridge
Life: 7 million characters (10 million characters available)

Print head life

> 600 million dots/needle (400 Million characters)

Physical

Dimensions (w x d x h): 398 x 296 x 201 mm; **Weight:** 9 kg

Operating Environment

Temperature: 5° to 35° C

Regulatory

Relative humidity: 15-85%
Acoustics: <54 dBA
Voltage: 110V +/- 10% and 240V +/- 10%
Frequency: 50 - 60 Hz
Power consumption: 170W, 11W Standby VDE/GS, UL, CE, CCC, FCC-B



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