



***BP* SERIES PRINTERS**

Simply the Best in its class!

*It makes your printing smart and Magic.
Thermal and dot Matrix Receipt printers*

Definitely, not may be !

Besides the quality components and design of the outer chassis, Birch BP-003 and BP-007 have the internal "metallic mechanism" and technically re-engineered device are essential for longer term reliable performance and keep the printer head and Cutter are in the good conditions.

BP-003 can be not only for general receipt printer with chassis but also for "Open Frame" Kiosk applications if you just remove the outer chassis.

The latest printing technologies which built-in which enable you to enjoy your data printing with high speed printing and quiet operation which meet your most rigorous requirements

    	BP-003 thermal	BP-007 dot matrix
	80mm width 220mm/sec	4.7 LPS/76mm, 40 columns, 6.0 LPS/57.5mm ,30 columns
	4MB	60KB
	USB 2.0	USB 2.0
	10/100BaseT	
	Auto Cutter	Auto Cutter
	Black mark detecting	

Extraordinary



More Drivers supported

In order to work under the different operation systems, BP-003 and BP-007 support most of the Drivers for Windows 2000/NT/Vista/7, Lixnus, OPOS---

Multi-Language support

Upgradeable firmware and code page at distributor's side directly. They will be powerful business tools for your printing applications. In brief, there is no font development necessary, and you will not face with the arduous and costly task of designing new fonts.

Also supports multiple bar code printing including QR code and PDF 417

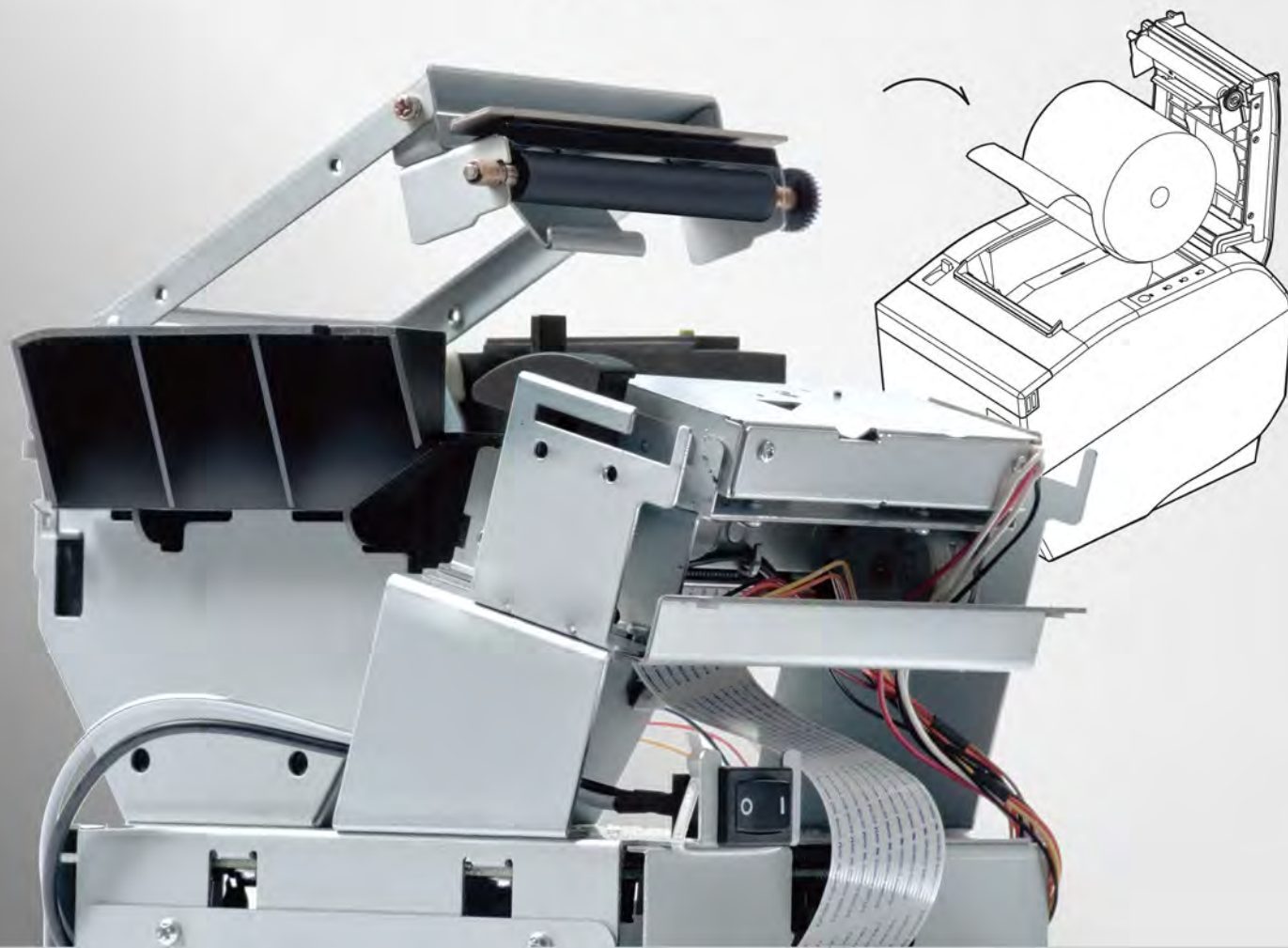


ESC/POS commands compatibles

Fully ESC/POS commands compatible model, and you can process your printing at your fingertips in any numerous ways to create your receipts.

Black mark detect device bundled

To meet to diversified applications in retail and hospitality, BP-003 and BP-007 already built on "Black mark detect device" as standard.



functions

Logo print without change your software

BP-003 has the **4MB** memory buffer for you to store your data and graphics. With BP-003 logo print driver, it is a easy-to-use utility, you can easily to have your invoice printing with your logos , your brands and related promotion matters.



With 220mm per second print speed. SII

BP-003 built-in SEIKO print head and SEIKO Auto-Cutter to assure the print quality and performance.

With lots of advanced designs such as paper rolls inside the chassis to assure the good print to reach **220/sec** speed (at least).

Transparent Paper roll cover with rib supported

BP-003 with transparent paper roll cover, it is helpful to the retailers to see through the status of paper roll.

Furthermore, BP-003 transparent paper roll cover with " rib " design to assure the transparent cover durability, reliability.

80mm paper roll and Drop-in and print design.

With 80mm paper roll , it is more print capacity for the retailers , which save much time for loading paper to increase your business productivity. It is a " drop-in and print" design on BP-003 to keep it user-friendly.

OPTIONS



SER-003	BP-003 RS232 + USB interface module
LPT-003	BP-003 parallel interface module
LAN-003	BP-003 Ethernet + USB interface module

ORDERING INFORMATION

- BP-003BR** 3" thermal receipt printer, w/AutoCutter, RS232 + USB interface With serial cable, Black color
- BP-003BU** 3" thermal receipt printer, w/AutoCutter, RS232 + USB interface With USB cable, Black color
- BP-003BP** 3" thermal receipt printer, w/AutoCutter, parallel interface With LPT cable, Black color
- BP-003BN** 3" thermal receipt printer, w/AutoCutter, Ethernet + USB interface With Ethernet cable, Black color

BP003





High print speed and multiple devices for 76mm and 57.5mm paper width

- BP-007 can use the paper width 76mm and 57.5mm both. When you like to have 57.5mm paper, then you can install the bundled "roll paper guide", "paper partition board" and just have your settings for paper parameter.
- With high print speed of 4.7 LPS(line per second) of 76mm with 40 columns and 6.0 LPS of 57.5mm with 30 columns.

Strong print copy capacity(1 x original + 2 x copies) with very quiet printing mode

BP-007 supports strong print copy capacity (1 x origin + 2 x copies)
with print noise less than 58 db(A) to meet ISO7779 standards.



Online aptitude parameter settings

BP-007 has the feature of
online-aptitude parameter settings
as standard. The users can have their
settings on their systems(PC) with BP-007 driver installed.



OPTIONS



SER-007

LPT-007

USB-007

LAN-007

BP-007 RS232 interface module

BP-007 parallel interface module

BP-007 USB interface module

BP-007 Ethernet + USB interface module

ORDERING INFORMATION

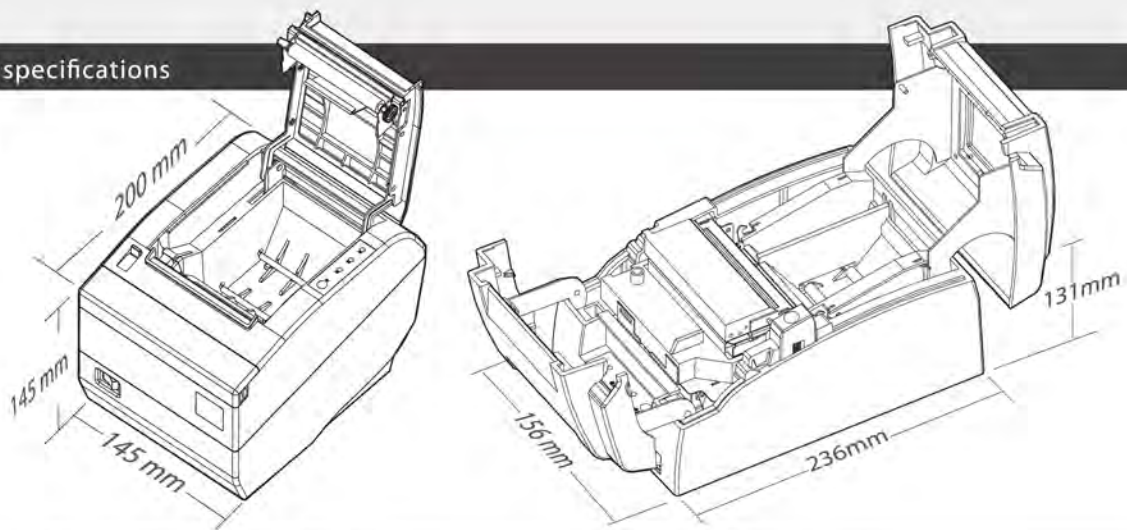
- BP-007BR 76mm/57.5mm impact receipt printer, w/Auto Cutter,
RS232 interfaceWith serial cable, Black color
- BP-007BU 76mm /57.5mm impact receipt printer, w/Auto
Cutter, USB interfaceWith USB cable, Black color
- BP-007BP 76mm/57.5mm impact receipt printer,
w/Auto Cutter, Parallel interface
With LPT cable, Black color
- BP-007BN 76mm /57.5mm impact receipt printer,
w/Auto Cutter, Ethernet +
USB interface With Ethernet
cable, Black color



BP007

Technical specifications

Sizes



Model Numbers		BP-003	BP-007
Printer	Printing Method	Direct Thermal	Dot Matrix
	Printing Direction	Line printing	Bidirectional wizard
Mechanism	Max Print Width	79.5mm±0.5mm	76mm and 57.5mm
	Effective Print Width	72mm	76mm paper width: 63mm/ 42 columns 57.5mm paper width: 45mm/ 30 columns
	Character Size	Font A: 1.5x3 mm ; Font B: 1.13x2.13 mm	Font A: 7x7 dot, 17 CPI, 2.5mm Height Font B: 5x7 dot, 20 CPI, 2.5mm Height
	Character per line	Font A: 48 columns ; Font B: 64 columns	Font A: 42 columns ; Font B: 49 columns
	Printing Speed	220mm/sec	76mm/ 40 columns: 4.7 LPS 57.5mm/ 30 columns: 6.0 LPS
Printer Head	Printer Density	576 dot/line, 203 dpi	76mm paper width: 420 dot/line, 144 dpi 57.5mm paper width: 300 dot/line, 144 dpi
	Printer Life	100 KM	400 Million dots/pin
Interface	Serial Port	Dsub 9 pin female connector, default with 9600 or up to 115200 bps baud-rate	Dsub 25 pin female connector, default with 9600 or up to 115200 bps baud-rate
	Parallel Port	Bi-directional 36 pin connector (IEEE-1284 nibble mode supported)	
	USB Port	USB 2.0 full-speed	
	Ethernet	10/100Base-T	
	Cash Drawer Prot	DC 24V/1A, 6 wires RJ-11 socket	
Print font	ASCII code	13 international character set as standard, enhanceable by updating firmware	
	Chinese	Big 5	
Bar code		UPC-A, UPC-E, EAN-13, EAN-8, Code39, Code128, ITF-25, Codabar, QR code PDF417	N/A
Beep tone		Standard for Head Open, Paper End, Driver setting for After Printing.	N/A
Black mark		Supported	
Print commands		ESC/POS	
Input Buffer		4MB	60KB
Paper	Paper width	79.5±0.5mm	76mm and 57.5mm
	Max. roll diameter	80mm	83mm
	Paper thickness	53-80g/m2	52.3~64.0 g/m2
	Copy capacity	N/A	3 pieces (Original + 2 copies)
Ribbon		N/A	Compatible Star RC 200B
Auto Cutter	Life span: over 2,000,000 cuts	Life span: over 1,000,000 cuts.	
Environment	Operating	5°C ~ 50°C; 10% RH ~ 80% RH	5°C ~ 40°C; 20% RH ~ 80% RH
	Storage	-20°C ~ 60°C; 10% RH ~ 90% RH	-10°C ~ 60°C; 10% RH ~ 90% RH
Power supply	Input	100V AC ~ 240V AC, 50-60Hz	
	Output	+24V DC/ 2.5A	
Dimension		200(L) x 145(W) x 145mm (H)	236 (L) x 156 (W) x 131mm (H)
Weight		2Kg (without cable)	2.1Kg (without cable)

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