



High Quality Barcode Printer

BP-4000

Series

BP-4200 / BP-4300 / BP-4600



High Quality Barcode Printer

BP-4000 Series

BP-4200

8dot/mm Type / 200dpi

BP-4300

12dot/mm Type / 300dpi

BP-4600

24dot/mm Type / 600dpi

BP-4000RF

RFID (Manufacturer's option)

High-Performance



HIGH SPEED DATA PROCESS

32 bit RISC CPU with 64bit data to achieve max 325mm/sec high speed print. (BP-4200, BP-4300)

HIGH QUALITY PRINT & ACCURACY

It is possible to print with accuracy of $\pm 0.3\text{mm}$.

* Under certain condition.



It can open main cover widely for easy maintenance.



Technology

JOG DIAL function



Easy to use jog dial function with high readability LCD display. It gives you easy access to adjust print density and print position.

LABEL LOADING

Pre-programmed memory function will provide very accurate labeling.

RIBBON CORELESS FUNCTION



It is not necessary to have paper roll to wind ribbon.

Inside/Outside rolls

It works inside and outside roll of label.

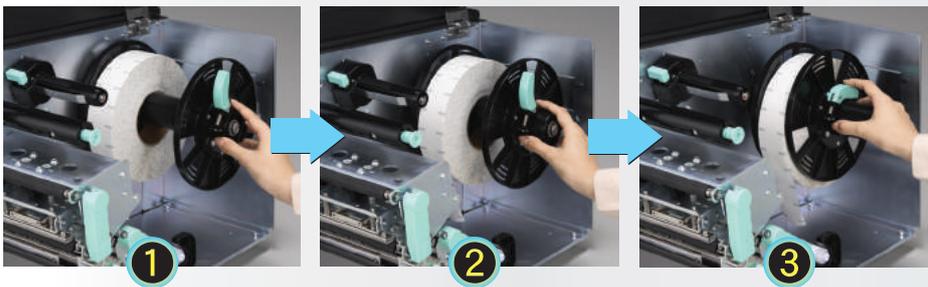


Internal clock function.



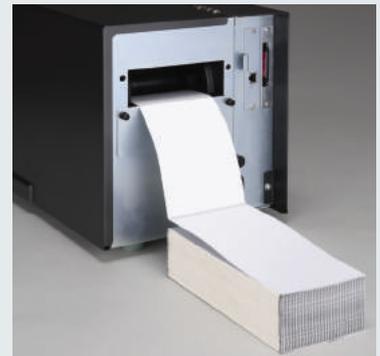
It prints out time/minutes/second when you print label.

LABEL CENTERING FUNCTION

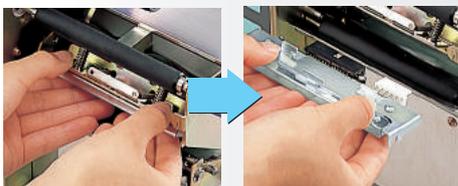


It allows you to set up label to the center very easily by just pushing one side.

FANHOLD PAPER



Easy maintenance



No tool is required for thermal head change

MEMORY



It can print memorized data even with stand alone usage. It also saves communication log.



Interface

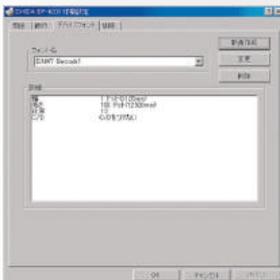
INTERFACE



You can mount WIFI board, USB board, parallel board at once for your interface.

Setup Tool

PRINTER DRIVER



you can download WINDOWS 2000 XP/VISTA driver from attached CDROM.

Option Unit

Option Unit



WIND UNIT (BP-RW)



CUTTER UNIT

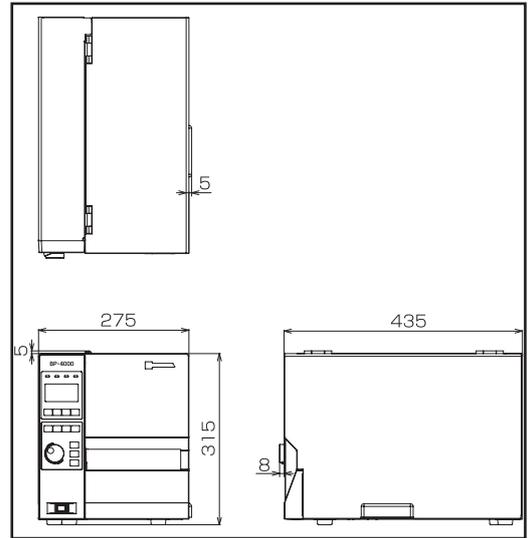


PEEL UNIT

■ SPECIFICATION

		BP-4200	BP-4300	BP-4600
PRINTING METHOD		DIRECT THERMAL/THERMAL TRANSFER		
COMMUNICATION BUFFER		4MB		
PRINT DENSITY		8 dot/mm	12 dot/mm	24 dot/mm
PRINT WIDTH (MAX)		112mm		
PRINT LENGTH (MAX)		2500mm	1500mm	400mm
PRINT SPEED (MAX/DIRECT)		325mm/sec	325mm/sec	150mm/sec
PRINT SPEED (MAX/TRANSFER)		250mm/sec	250mm/sec	75mm/sec
THICKNESS		0.06 ~ 0.268 mm		
LABEL SIZE		LABEL W 20 ~ 128 mm BACKING PAPER W 23 ~ 131 mm MINI LABEL LENGTH 5mm (7.5mm), PEEL: 11mm (20mm) (MINI PITCH) CUTTER:11mm (20mm), TEAR OFF: 11mm (20mm)		
PAPER SPEC		ROLL PAPER: MAX EXTERNAL DIAMETER 180mm INTERNAL DIAMETER FOR PAPER ROLL 2inch or 3 inch inside wounded. FANFOLD PAPER: MAX FOLD HEIGHT 10mm (from printer installed face)		
RIBBON		MAX RIBBON WIDTH : 115mm * MAX OUTSIDE DIAMETER : 80mm WINDING DIRECTION : INSIDE/OUTSIDE RIBBON PAPER ROLL: 1inch		
CHARACTER KIND	KATAKANA FONT	IF1 5x9 dot		
		IF2 17x17 dot		
		IF3 24 x24 dot		
		IF4 48x48(thick) dot		
		IF5 48x48(thinner) dot"		
CHARACTER KIND	KANJI FONT	16x16 dot JIS 1, 2 standard (MINCHOU,GOTHIC)		
		24x24 dot JIS 1, 2 standard (MINCHOU,GOTHIC)		
		32x32 dot JIS 1, 2 standard (MINCHOU,GOTHIC)		
		40x40 dot JIS 1, 2 standard (MINCHOU,GOTHIC)		
		GOTHIC		
CHARACTER KIND	OCR-A	15x22dot	22x33dot	44x66dot
	OCR-B	20x24dot	32x36dot	64x72dot
BARCODE		JAN/EAN-8, JAN/EAN-13, UPC/A, UPC/E CODE 39, CODE 128, UCC/EAN 128, ITF, NW-7		
2 DIMENSIONAL BARCODE		QR, MICRO QR, PDF 417, MAXI CODE, DAA MATRIX		
OUTSDIE DIMENSION		W275 x D435 x H315mm		
WEIGHT		18kg		
POWER	INPUT	AC 100V ~ 240 V (±10%) 50/60Hz		
	CONSUMPTION	Max 180W (printing), Less than 5 W (waiting)		
ENVIRONMENT		MAX 5 ~ 40°C Moisture 20 ~ 85% (No CONDENSATION)		
OPTION	UNIT	CUTTER UNIT, PEEL UNIT, WIND UNIT, OUTSIDE CONTACT UNIT		
	INTERFACE BOARD	LAN BOARD (10BASE-T/100BASE T) USB BOARD (Ver 2.0) WIFI BOARD (IEEE11b/g) IEEE 1284 BOARD (ECP BOARD) RS-232C BOARD (MX 115.2 kbps) PCMCIA BOARD		
OPTION		RFID		
CABLE		USB CABLE, LAN, CENTRONIX CALBE, RS-232C CABLE. * 1 Communication cable needs to be prepared locally. Please refer cable spec for user manual."		

■ DIMENSION



●Design and spec. may change without notice

*QR code and Micro QR is trade mark for DENSO

*PDF 417 is trade mark for Symbol

*MAXI code is trade mark for UPS

*Date Matrix is trade mark for US international data matrix.

*Windows is trade mark for Microsoft cooperation.

Consumables specified by the manufacturer



In order to use the BP-4000 with confidence, thank you to our specification using ribbon, of the paper.
To order, please contact our sales representative.

 **ISHIDA**

 **ISHIDA CO.,LTD.**

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