

SP 40

Barcode Label Printer



The SP 40 is amazingly good value for money. And it still produces the best quality available from 203 dpi printers today.

The SP 40 is suitable for a wide range of applications. It is an all-rounder which can produce consistently good quality, whether in retail, logistics or industry. For example: special labels for electronic article security, labels for transport with guide and control points or warehouse coding. The SP 40 can be used for either thermal-transfer or thermal-direct printing. It supports all conventional barcode systems.

The SP 40 offers you a wide range of benefits: firstly, it has a high print speed, which saves you time. Secondly, it offers extreme flexibility and, thirdly, provides a huge range of design options thanks to its variety of print fonts. Not to mention the fact that it's a child's play to use.





SP 40

Technical Information

Imaging:

Printing method:	Thermal Direct, Thermal Transfer
Image resolution:	203 dpi (8 dots/mm)
Printing speed:	Selectable 76, 152 and 250 mm/sec (3, 6 and 10 inches/sec)
Processor type:	32 bit CISC (Complex Instruction Set Computing)
Print head type:	Near-edge design with dot history control
Bar code element:	5 mil (0.127 mm) "X" dimension
Imaging width:	Up to 104 mm (4.1 inches) maximum
Imaging length:	Up to 384 mm (15 inches)

Print Media Handling:

Label length:	25.4 to 896 mm (1.0 to 35.4 inches); 10 mm (0.4 inches) minimum while batch printing
Web width:	51 to 112 mm (2 to 4.41 inches)
Media path:	Centered for uniform pressure
Media types:	Roll, fan-fold, labels, card-tags or tickets
Media thickness:	4 to 11.4 mils (0.10 to 0.29 mm)
Media sensors:	Gaps, holes, black marks (adjustable from centre to edge)
Media back-feed:	For single-label dispensing or single-tag cutting mode
Label supply roll:	76 mm (3 inches) core; 203 mm (8 inches) maximum diameter
Ribbon supply roll:	Industry standard cores; 55 to 112 mm (2.16 to 4.4 inches) wide

Other:

Print status display:	1 line x 16 digit LCD user display; LED indicators of power, on-line and error
Housing:	Steel
Power supply:	120 V 60 Hz or 220 V 50 Hz
Operating temperature:	5 ° to 40 °C (40 ° to 104 °F) 25 % to 85 % Relative Humidity
Dimensions:	291 x 460 x 308 mm (11.5 x 18 x 12.1 inches) H x L x W
Weight:	17 kg (37 lb)
Listings:	UL 1950; CSA; CE; VDE EN 60950; FCC Class A Emissions

Fonts and Printing:

Bitmap fonts:	20 bitmapped fonts from 9 to 27 point (3.2 to 9.5 mm) sizing printed in 0°, 90°, 180° and 270° rotations
Vector fonts:	Swiss style outline font from 2 to 85 mm (0.08 to 3.3 inches) sizing printed in 0°, 90°, 180° and 270° rotations
Printable characters:	Code Page PC 850 and PC 8 with international character sets
Graphics support:	Binary 1 to 1 pixel images (bitmaps)
Sequential numbering:	Yes
Bar codes:	UPC-A/E, UPC add-on 2/5, EAN-8, EAN-13, EAN add-on 2/5, JAN-8, JAN-13, JAN add-on, Code 39 (LOGMARS, AIAG, HIBC), Code 128 (Subsets A, B, C), EAN 128 random weight, Interleaved 2 of 5, Code 93, MSI Plessey, German Post Ident- and Leit Codes, Codabar, 2D: Maxicode, PDF 417

Software Control:

On-line protocol:	SP 40 PDL
Flash ROM size:	1 MB
DRAM size:	2 MB standard
Serial port:	RS232C at 2400 to 19.2 K BPS
Parallel port:	Centronics port included with optional I/F board
PCMCIA flashcard port:	Included with optional I/F board for formats and other data
Expansion I/O control:	Available with optional I/F board, 15 pin connector providing 5 TTL status outputs (Feeding, Printing, Paused, Error, Power On) and 3 inputs (Feed, Print, Pause)
Software:	Complimentary Teklynx® label design package for Checkpoint's Meto printers included

Accessories:

Equipment options:	Cutter module; single dispensing module with label-present sensor, ribbon-saver module, internal rewind, paper guide
Interface option:	I/F board with Centronics parallel port, PCMCIA flash memory card and expansion I/O port



Certified according to DIN ISO 9001 and DIN ISO 14001

Due to a policy of continuous development, Checkpoint Systems reserve the right to change or amend product specifications or availability without prior notice.

One source for branding, tracking and securing

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