

# Spectra II

## Highspeed performance in second generation.



### Highlights

- > 6.5" Touch-screen display  
Variant with LCD graphic display & foil keyboard<sup>1</sup>
- > Print speed up to 350 mm/s
- > Compact cover
- > Transfer ribbon saving

### Options

- > Rotation cutter unit
- > Dispenser unit
- > Roll-to-Roll
- > Internal rewinder
- > External rewinder

<sup>1</sup> These are two independent printers.

### Rotation cutter unit



### Dispenser unit



### Internal rewinder



	Spectra II 103/8 (104/8)	Spectra II 106/12	Spectra II 106/24	Spectra II 107/12	Spectra II 108/12	Spectra II 160/12	Spectra II 162/12	Spectra II 216/12
<b>Printing</b>								
Print resolution	200 dpi	300 dpi	600 dpi	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi
Print speed	350 mm/s	350 mm/s	100 mm/s	350 mm/s	350 mm/s	300 mm/s	300 mm/s	200 mm/s
Print width	104 mm	105.7 mm	105.6 mm	106.6 mm	108.4 mm	160 mm	162.6 mm	216.8 mm
Passage width	116 mm	116 mm	116 mm	116 mm	116 mm	176 mm	176 mm	226 mm
Printhead	Flat Type <sup>1+2</sup>	Flat Type <sup>2</sup>	Flat Type <sup>2</sup>	Corner Type <sup>2</sup>	Flat Type <sup>1+2</sup>	Corner Type <sup>2</sup>	Flat Type <sup>1+2</sup>	Flat Type <sup>1+2</sup>
<b>Labels</b>								
Adhesive labels, continuous labels	rolls or fan-fold: paper, cardboard, textile, synthetics							
Material weight	max. 220 g/m <sup>2</sup> (larger on demand)							
Label width	min 15 mm	min 15 mm	min 15 mm	min 15 mm	min 15 mm	min 50 mm	min 50 mm	min 100 mm
Label height	Standard min 6 mm Cutter mode/dispenser mode min 25 mm							
Label height	max 6000 mm	max 3000 mm	max 750 mm	max 3000 mm	max 3000 mm	max 2000 mm	max 2000 mm	max 1000 mm
Roll diameter	Internal unwinder max 200 mm Internal rewinder max 200 mm (option)							
Core diameter	40 mm / 75 mm (option)							
Winding	outside or inside							
Label sensor	Standard bottom transmission and reflexion Option top transmission and reflexion, ultrasonic photocell							
<b>Transfer Ribbon</b>								
Ink	outside or inside							
Core diameter	25.4 mm / 1"							
Roll diameter	max Ø 90 mm							
Length	max 450 m							
Width	max 110 mm	max 110 mm	max 110 mm	max 110 mm	max 110 mm	max 163 mm	max 170 mm	max 220 mm
<b>Fonts</b>								
Font types	6 bitmap fonts   8 vector fonts/TrueType fonts   6 proportional fonts   other fonts on demand							
<b>Bar Codes</b>								
1D bar codes	CODABAR, Code 128, Code 2/5 interleaved, Code 39, Code 39 extended, Code 93, EAN 13, EAN 8, EAN ADD ON, GS1-128, Ident-code, ITF 14, Leitcode, Pharmacode, PZN Code, UPC-A, UPC-E							
2D bar codes	Aztec Code, CODABLOCK F, DataMatrix, GS1 DataMatrix, MAXICODE, PDF 417, QR Code							
Composite bar codes	GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Truncated							
<b>Dimensions</b>								
width x height x depth	287 x 380 x 503 mm	287 x 380 x 503 mm	287 x 380 x 503 mm	287 x 380 x 503 mm	287 x 380 x 503 mm	337 x 380 x 503 mm	337 x 380 x 503 mm	387 x 380 x 503 mm
<b>Weight</b>								
Weight	19 kg	19 kg	19 kg	19 kg	19 kg	21 kg	21 kg	28 kg
<b>Interfaces</b>								
Serial	RS-232C (max 115,200 baud)							
Parallel	SPP							
USB	2.0 High Speed Slave							
Ethernet	10/100 Base T, LPD, RawIP-Printing, DHCP, HTTP, FTP							
WLAN (option)	module 802.11 b/g/n WEP, WPA, WPA-PSK, WPA2, WPA2-PSK, EAP							
<b>Operating Conditions</b>								
Nominal voltage	110 ... 230 V AC / 50 - 60 Hz							
Power	300 VA							
Nominal current	2.7 A							
Operating temperature	5 ... 35 °C							
Relative humidity	max 80 % (non-condensing)							

<sup>1</sup> = for thermal direct . <sup>2</sup> = for thermal transfer