

## Spectra II – Highspeed performance in second generation.



### Highlights

- > 6.5" Touch-screen display
- > Print speed up to 350 mm/s
- > Front USB host
- > Compact cover

### Options

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

### Rotation cutter unit



### Dispenser unit



### Internal rewinder



|   | Spectra II<br>103/8<br>(104/8)   | Spectra II<br>106/12   | Spectra II<br>106/24   | Spectra II<br>107/12     | Spectra II<br>108/12     | Spectra II<br>160/12     | Spectra II<br>162/12     | Spectra II<br>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(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<br>Standard<br>Cutter mode/dispenser mode  | min 6 mm<br>min 25 mm  | min 6 mm<br>min 25 mm  | min 15 mm<br>min 25 mm | min 6 mm<br>min 25 mm    | min 6 mm<br>min 25 mm    | min 15 mm<br>min 25 mm   | min 15 mm<br>min 25 mm   | min 15 mm<br>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<br>Internal unwinder<br>Internal rewinder | max 200 mm<br>max 200 mm (option)  |                        |                        |                          |                          |                          |                          |                          |
| Core diameter   | 40 mm / 75 mm (option)   |                        |                        |                          |                          |                          |                          |                          |
| Winding   | outside or inside  |                        |                        |                          |                          |                          |                          |                          |
| Label sensor<br>Standard<br>Option                      | bottom transmission and reflexion<br>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, Identcode, 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<br>x 503 mm  | 287 x 380<br>x 503 mm  | 287 x 380<br>x 503 mm  | 287 x 380<br>x 503 mm    | 287 x 380<br>x 503 mm    | 337 x 380<br>x 503 mm    | 337 x 380<br>x 503 mm    | 387 x 380<br>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  |                        |                        |                          |                          |                          |                          |                          |
| 3 x USB Host  | connection for external USB keyboard and USB stick   |                        |                        |                          |                          |                          |                          |                          |
| 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   |                        |                        |                          |                          |                          |                          |                          |
| 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



Local retailer

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