

# DPM+

Designed for integration into labelling systems as an economically priced alternative to the SPA92x series



The **DPM+** robust print & apply module has been developed for industrial use to provide trouble-free continuous operation.

The **DPM+** is suitable for numerous applications. The left and right hand versions make it easy to integrate into existing labelling equipment.

Available in two printing widths to suit different label widths.



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LABELLING  
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## DPM+ advantages:-

- Ø Non-stop printing due to 64 bit CPU with extremely fast data transfer and multi-tasking operating system
- Ø Highest label throughput with print speeds up to 300 mm/sec.
- Ø Dot-check function guarantees print quality and readability of barcodes
- Ø Material costs reduced by effective foil saving mechanism
- Ø Print head fast and easy to replace
- Ø Robust design for industrial applications
- Ø User-friendly set up and operation
- Ø Rotatable, multi-language display
- Ø Easy integration into existing production lines
- Ø Half size gap sensor provides maximum flexibility; scaled dial indicates sensor's position
- Ø 1000M foil supply reduces production down times
- Ø Extensive internal font and barcode library, including 2-D codes
- Ø Additional fonts or logos can be stored on the Compact Flash Card

## Technical Specification

|                        |   |
|------------------------|---|
| Print head             | 'Near Edge' Technology - Direct thermal / thermal transfer  |
| Print resolution       | 300 d.p.i. (12 dots/mm)   |
| Print speed            | 4" /5" 50 - 300 mm/sec. in steps of 5 mm/sec.   |
| Print width            | 106 mm - DPM4<br>127 mm - DPM5  |
| Label width / length   | Width: 16 - 136 mm (DPM4/DPM5)<br>Length: up to 1000 mm   |
| Material specification | Thermal transfer or direct thermal suitable self-adhesive media up to 240 g/m <sup>2</sup> - 210mm maximum diameter roll                                      |
| Foil roll Ø            | Outer dia. max. 90 mm<br>Core dia. 1" (others optional)<br>Foil length up to 1000 M   |
| Foil saving mechanism  | Effective foil saving starting from 5 mm of non-print area  |
| Standard fonts         | 17 + 2 scalable   |
| Standard barcodes      | All common 1D barcodes  |
| 2-D barcodes           | PDF 417, MaxiCode, Data Matrix, Codablock F   |
| Interfaces             | RS232/422/485, max. Baudrate 115.2 KB Centronics parallel, Ethernet   |
| Label drive            | Controlled forward and backward movement of label material for real 1 : 1 applications and full area printing of labels                                       |
| Versions               | Left or right handed  |
| Memory card            | 1 slot for 32MB Compact Flash card  |
| CPU                    | Integrated 64 bit   |
| Display                | 2 line by 16 character back-lit LCD, multilingual. Display can be rotated by 355°   |
| Half size sensor       | Flexible positioning of material sensor half way across the web; with scale, that indicates sensor position   |
| USI I/O board          | 5 V or 24 V DC interface (error, warning, ribbon out, media out, end print, ribbon low, transport roller open, data ready, start print, reprint, feed, pause) |
| Electrical supply      | Auto-sensing power supply, range 80 to 270 V, 50/60 Hz, single phase  |
| Power consumption      | 400 VA (operating consumption dependant on application)   |
| Options: -             |   |
| Real time clock        | For printing actual time, production date, best before dates, add. COM2 Interface   |
| Dispensing edge        | Standard, extra long, extra short   |
| Weight                 | DPM4/DPM5 17 kg   |
| Dimensions (W x H x D) | 246 x 300.5 x 428 mm (DPM4/DPM5)  |



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