

Pica II

High reliability in second generation



Highlights

- > Stable metal housing for industrial applications
- > Small footprint for applications with limited space
- > Serial, parallel and USB port
- > Display for comfortable operation
- > Cover with viewing window

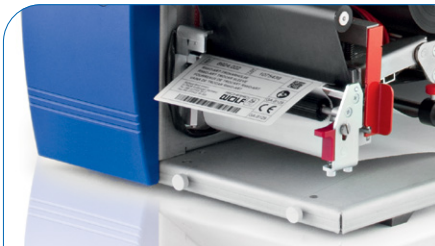
Options

- > LAN and WLAN 802.11 b/g interface
- > Guillotine cutter unit
- > Dispenser unit
- > Dispenser I/O
- > External label rewinder

Guillotine cutter unit



Dispenser unit



External label rewinder



|                                                         | Pica II<br>104/8                                                                                                                                                                                                                                                                                             | Pica II<br>106/12        | Pica II<br>103/8 T       | Pica II<br>108/12 T      |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|
| Printing                                                |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| Print resolution                                        | 200 dpi                                                                                                                                                                                                                                                                                                      | 300 dpi                  | 203 dpi                  | 300 dpi                  |
| Print speed                                             | max 100 mm/s                                                                                                                                                                                                                                                                                                 | max 100 mm/s             | max 100 mm/s             | max 100 mm/s             |
| Print width                                             | max 104 mm                                                                                                                                                                                                                                                                                                   | max 105.7 mm             | max 104 mm               | max 108.4 mm             |
| Passage width                                           | max 110 mm                                                                                                                                                                                                                                                                                                   | max 110 mm               | max 110 mm               | max 110 mm               |
| Printhead                                               | Flat Type <sup>2</sup>                                                                                                                                                                                                                                                                                       | Flat Type <sup>2</sup>   | Flat Type <sup>1</sup>   | Flat Type <sup>1</sup>   |
| Labels                                                  |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| 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                                                                                                                                                                                                                                                                                                    |                          |                          |                          |
| Label height<br>Standard<br>Cutter mode/dispenser mode  | min 6 mm<br>min 15 mm                                                                                                                                                                                                                                                                                        |                          |                          |                          |
| Label height<br>Standard<br>Ethernet (option)           | max 750 mm<br>max 650 mm                                                                                                                                                                                                                                                                                     | max 750 mm<br>max 650 mm | max 650 mm<br>max 450 mm | max 650 mm<br>max 450 mm |
| Roll diameter<br>internal unwinder<br>internal rewinder | max 180 mm<br>–                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| Core diameter                                           | 40 mm / 75 mm (option)                                                                                                                                                                                                                                                                                       |                          |                          |                          |
| Winding                                                 | outside or inside                                                                                                                                                                                                                                                                                            |                          |                          |                          |
| Label sensor<br>Standard<br>Option                      | transmission<br>top transmission and reflexion / bottom transmission and reflexion                                                                                                                                                                                                                           |                          |                          |                          |
| Transfer Ribbons<br>(for thermal transfer printer only) |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| Ink                                                     | outside / inside (option)                                                                                                                                                                                                                                                                                    |                          |                          |                          |
| Core diameter                                           | 25.4 mm / 1"                                                                                                                                                                                                                                                                                                 |                          |                          |                          |
| Roll diameter                                           | max Ø 70 mm                                                                                                                                                                                                                                                                                                  |                          |                          |                          |
| Length                                                  | max 300 m                                                                                                                                                                                                                                                                                                    |                          |                          |                          |
| Width                                                   | max 110 mm                                                                                                                                                                                                                                                                                                   |                          |                          |                          |
| Fonts                                                   |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| Font types                                              | 6 bitmap fonts   8 vector fonts/TrueType fonts   6 proportional fonts   more fonts on demand                                                                                                                                                                                                                 |                          |                          |                          |
| Bar Codes                                               |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| 1D bar codes                                            | 2/5 Industrial, Codabar, Code 128, Code 128A, Code 128B, 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, PLANET (Postal Alpha Numeric Encoding Technique), PostNet, PZN 7, PZN 8, UPC-A, UPC-E, USPS Intelligent Mail |                          |                          |                          |
| 2D bar codes                                            | Aztec Code, CODABLOCK F, DataMatrix, GS1 DataMatrix, MAXICODE, PDF 417, QR Code                                                                                                                                                                                                                              |                          |                          |                          |
| GS1 bar codes                                           | GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Truncated                                                                                                                                                      |                          |                          |                          |
| Dimensions                                              |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| width x height x depth                                  | 230 x 230 x 350 mm                                                                                                                                                                                                                                                                                           |                          |                          |                          |
| Weight                                                  |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| Weight                                                  | 9 kg                                                                                                                                                                                                                                                                                                         |                          |                          |                          |
| Interfaces                                              |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| Serial                                                  | RS-232C (max 115,200 baud)                                                                                                                                                                                                                                                                                   |                          |                          |                          |
| Parallel                                                | Centronics (SPP)                                                                                                                                                                                                                                                                                             |                          |                          |                          |
| USB                                                     | 2.0 High Speed Slave                                                                                                                                                                                                                                                                                         |                          |                          |                          |
| Ethernet (option)                                       | 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                                                                                                                                                                                                                                                   |                          |                          |                          |
| Operating Conditions                                    |                                                                                                                                                                                                                                                                                                              |                          |                          |                          |
| Nominal voltage                                         | 110 ... 230 V AC / 50-60 Hz – 2 A   115 V AC / 50-60 Hz – 3 A (option)<br>voltage adjustment by an internal voltage selector<br>pre-adjustment 230 V AC                                                                                                                                                      |                          |                          |                          |
| Power                                                   | max 150 VA                                                                                                                                                                                                                                                                                                   |                          |                          |                          |
| Operating temperature                                   | 5 ... 35 °C                                                                                                                                                                                                                                                                                                  |                          |                          |                          |
| Relative humidity                                       | max 80 % (non-condensing)                                                                                                                                                                                                                                                                                    |                          |                          |                          |

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