



## **TTP-225 SERIES** – Desktop Thermal Transfer Bar Code Printer **MORE FEATURES, MORE SPEED, HIGHER RELIABILITY**



### KEY FEATURES

- Small size – space saving design
- Uses industry standard ribbons and media
- High quality double walled clamshell design
- Easy media loading
- Head open sensor
- 8MB SDRAM, 4MB Flash memory
- Serial and USB 2.0 connectivity standard, Ethernet optional
- Options include LCD display, keyboard, cutter, peel, Bluetooth module, and external 802.11 b/g/n wireless module
- Standard industry emulations right out of the box including Eltron® and Zebra® language support
- ENERGY STAR® qualified

### APPLICATIONS

- Retail Point-of-Sale
- Oil Change & Auto Service Labeling
- Pharmacy Prescription Labeling
- Healthcare Specimen Labeling
- Healthcare Patient Tracking
- Shelf Labeling
- Product Marking
- Inventory & Asset Management
- Small Office or Home Office Mailing
- File-Folder Labeling
- Wristbands

## TTP-225 SERIES – Desktop Thermal Transfer Bar Code Printer



| PRINTER MODEL                | TTP-225                                                                                                                                                                                                                                                                                                                                                          | TTP-323                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Resolution                   | 8 dots/mm (203 DPI)                                                                                                                                                                                                                                                                                                                                              | 12 dots/mm (300 DPI)       |
| Printing method              | Thermal Transfer & Direct Thermal                                                                                                                                                                                                                                                                                                                                |                            |
| Max. print speed             | 127 mm (5")/second                                                                                                                                                                                                                                                                                                                                               | 76 mm (3")/second          |
| Max. print width             | 54 mm (2.13")                                                                                                                                                                                                                                                                                                                                                    | 54 mm (2.13")              |
| Max. print length            | 2,286 mm (90")                                                                                                                                                                                                                                                                                                                                                   | 1,016 mm (40")             |
| Enclosure                    | Clamshell design with double walled plastic                                                                                                                                                                                                                                                                                                                      |                            |
| Physical dimension           | 140 mm (W) x 177 mm (H) x 241 mm (D)<br>5.51" (W) x 6.97" (H) x 9.49" (D)                                                                                                                                                                                                                                                                                        |                            |
| Weight                       | 2.45 kg (5.4 lbs)                                                                                                                                                                                                                                                                                                                                                |                            |
| Label roll capacity          | 127 mm (5") OD                                                                                                                                                                                                                                                                                                                                                   |                            |
| Ribbon                       | 90 m long, max. OD 37 mm, 0.5" core (ink coated outside)                                                                                                                                                                                                                                                                                                         |                            |
| Ribbon width                 | 56 ~ 58 mm (2.20" ~ 2.28")                                                                                                                                                                                                                                                                                                                                       |                            |
| Processor                    | 32-bit RISC CPU                                                                                                                                                                                                                                                                                                                                                  |                            |
| Memory                       | <ul style="list-style-type: none"> <li>• 4 MB Flash memory</li> <li>• 8 MB SDRAM</li> <li>• microSD card reader for Flash memory expansion, up to 4 GB</li> </ul>                                                                                                                                                                                                |                            |
| Interface                    | <ul style="list-style-type: none"> <li>• USB 2.0</li> <li>• RS-232</li> <li>• USB host, for scanner or PC keyboard (factory option)</li> <li>• Internal Ethernet, 10/100 Mbps (dealer option)</li> <li>• Bluetooth (user option)</li> <li>• External 802.11 b/g/n wireless (user option)</li> </ul>                                                              |                            |
| Power                        | External universal switching power supply<br>• Input: AC 100-240V, 1.8A, 50-60Hz<br>• Output: DC 24V, 2.5A, 60W                                                                                                                                                                                                                                                  |                            |
| Operation switch, button LED | 1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)                                                                                                                                                                                                                                                                                             |                            |
| Sensors                      | <ul style="list-style-type: none"> <li>• Transmissive gap sensor</li> <li>• Black mark reflective sensor (position adjustable)</li> <li>• Ribbon end sensor</li> <li>• Head open sensor</li> </ul>                                                                                                                                                               |                            |
| Real time clock              | Standard                                                                                                                                                                                                                                                                                                                                                         |                            |
| Internal fonts               | <ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> </ul>                                                                                                                                                                           |                            |
| Bar code                     | <ul style="list-style-type: none"> <li>• 1D bar code<br/>Code 39, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 (5) digits add-on, MSI, PLESSEY, POSTNET, China Post, GS1 Data Bar, Code 11</li> <li>• 2D bar code<br/>PDF-417, Maxicode, DataMatrix, QR Code, Aztec</li> </ul> |                            |
| Font and barcode rotation    | 0, 90, 180, 270 degree                                                                                                                                                                                                                                                                                                                                           |                            |
| Printer language             | TSPL-EZ™ (Compatible to EPL, ZPL, ZPL II)                                                                                                                                                                                                                                                                                                                        |                            |
| Media type                   | Continuous, die-cut, black mark, fan-fold, notched, wristband (outside wound)                                                                                                                                                                                                                                                                                    |                            |
| Media width                  | 15 ~ 60 mm (0.59" ~ 2.36")                                                                                                                                                                                                                                                                                                                                       |                            |
| Media thickness              | 0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)                                                                                                                                                                                                                                                                                                                                 |                            |
| Media core diameter          | 25.4 ~ 38 mm (1" ~ 1.5")                                                                                                                                                                                                                                                                                                                                         |                            |
| Label length                 | 6 ~ 2,286 mm (0.24" ~ 90")                                                                                                                                                                                                                                                                                                                                       | 6 ~ 1,016 mm (0.24" ~ 40") |
| Environment condition        | Operation: 5 ~ 40°C, 25 ~ 85% non-condensing<br>Storage: -40 ~ 60°C, 10 ~ 90% non-condensing                                                                                                                                                                                                                                                                     |                            |
| Safety regulation            | FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC, ENERGY STAR®                                                                                                                                                                                                                                                                                  |                            |
| Environmental concern        | Comply with RoHS, WEEE                                                                                                                                                                                                                                                                                                                                           |                            |
| Accessories                  | <ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• External universal switching power supply</li> </ul>                                                                                                                                               |                            |
| Limited warranty             | <ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 25 km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50 km (2 million inches) or 12 months which comes first</li> </ul>                                                                                                                                   |                            |
| Factory options              | <ul style="list-style-type: none"> <li>• 128 x 64 pixels graphic type LCD display with back light</li> <li>• USB host, for scanner or PC keyboard</li> </ul>                                                                                                                                                                                                     |                            |
| Dealer options               | <ul style="list-style-type: none"> <li>• Internal Ethernet interface (10/100 Mbps)</li> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut and partial cut)</li> </ul>                                                                                                                                                                                 |                            |
| User options                 | <ul style="list-style-type: none"> <li>• Bluetooth module (serial interface)</li> <li>• 802.11 b/g/n wireless module (serial interface)</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul>                                                                                                               |                            |



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