_NETSelekt.pl

# ML241P Series

## Industrial Label Printer

### Simplicity Redefined: A Compact, Effortless Industrial Printer

The compact ML241P Series, perfect for height-restricted applications like rack-mounting, supports up to 8-inch O.D. label rolls for high-volume printing and increased uptime. Its intuitive design simplifies the user experience, allowing for easy adjustment of the thermal printhead (TPH) pressure and ribbon tension balance, ensuring optimal printing quality. Toolless TPH and platen roller removal expedite maintenance, while TSC Sense Care prevents operational downtime with self-diagnostic features.

The printer capabilities are designed with auto-switching emulation for hassle-free deployment. Plus, TSC Standalone Creator generates a printer LCD UI for quick template access, while TSCPRTGo turns a mobile device into an extended display for mobile printing. SOTI Connect, TSC Console, and the Internal Embedded Webpage enable remote fleet management.

Additionally, this eco-friendly printer boasts 100% recyclable packaging and printer casing, with over 90% recyclable components, minimizing its environmental impact.

## Key Features

### Small Footprint with a Large Capacity

- A compact industrial label printer with a small footprint and height advantage is ideal for applications in height-constrained workspaces like rackmounts.
- Generous media capacity accommodates up to 8-inch O.D. label rolls, facilitating high-volume printing projects.

### Effortless Operations with User-Friendly Design

- Its simple TPH pressure position and ribbon tension balance adjustments ensure optimal printing quality.
- The wide-open 50 mm media handling space expedites label and ribbon change operations.
- Toolless TPH and platen roller removal streamline maintenance, saving valuable work time.

### TSC Sense Care Smart Monitoring

- TSC Sense Care prevents downtime by monitoring printhead health with self-diagnostic TPH Care, printhead mileage, and cutter counts.
- Collected data can integrate with SOTI Connect and TSC Console for remote management and reporting.

### Software Capabilities Harmonize Operations

- Auto-switch printer language emulation simplifies printer fleet migration and upgrades without changing print commands and label templates.
- TSC Standalone Creator generates a printer LCD UI for quick template access and TSCPRTGo turns a mobile device into an extended display for mobile printing.
- SOTI Connect and TSC Console manage printer fleets, enabling swift deployment, configuration, and updates remotely.
- The Internal Embedded Webpage enables IT to remotely configure, troubleshoot, and oversee any specific printer in the field.

### Commitment to Sustainability

- 100% recyclable packaging reduces environmental waste.
- 100% recyclable printer casing with over 90% recyclable printer components.

## Applications

### Transportation & Logistics

- Packing
- Order Fulfillment
- Shipping/Receiving
- Inventory Management

### Manufacturing

- Work in Process
- Product Marking
- Compliance Labeling

### Healthcare

- Specimen Labeling
- Asset or Inventory Label

### Retail

- Product Label
- Event Ticketing



# ML241P Series Specifications

| Model | ML241P | ML341P |
|---|---|---|
| Resolution | 8 dots/mm (203 dpi) | 12 dots/mm (300 dpi) |
| Printing Method | Thermal Transfer & Direct Thermal | Thermal Transfer & Direct Thermal |
| Max. Print Speed | 204mm (8")/second | 152mm (6")/second |
| Max. Print Width | 108mm (4.25") | 105.7mm (4.16") |
| Max. Print Length | 25,400mm (1000") | 11,430mm (450") |
| Enclosure | Die-cast based print mechanism/Metal cover with large clear media window | |
| Physical Dimension | 248mm (W) x 245mm (H) x 416mm (D)<br>9.76" (W) x 9.65" (H) x 16.38" (D) | |
| Weight | 7.7kg (16.98lbs) | |
| Label Roll Capacity | 203.2mm (8") O.D., 1" or 3" I.D. core | |
| Ribbon | 450m with 1" ribbon core I.D., ink coated outside or inside | |
| Ribbon Width | 40 - 110mm (1.6" - 4.3") | |
| Processor | 32-bit RISC CPU | |
| Memory | • 128 MB Flash memory<br>• 128 MB SDRAM | |
| Interface | • RS-232<br>• USB 2.0<br>• Internal Ethernet, 10/100 Mbps<br>• USB host, for scanner or PC keyboard<br>• Internal Bluetooth (dealer option)<br>• Internal Bluetooth 5.0 MFi (factory option)<br>• Slot-in Wi-Fi 802.11 a/b/g/n/ac with Bluetooth 5.0 combo module (dealer option)* | |
| Power | • Internal universal switching power supply<br>• Input: AC 100-240V, 1.5A, 50-60Hz<br>• Output: DC 24V, 2.5A, 60W | |
| LED/LCD | • 2.3" color LCD<br>• 1 LED (with 2 LEDs: green, red) | |
| Operation Switch, Button | • 1power switch<br>• 6buttons (Menu, Pause/Feed, Up, Down, Left, Right) | |
| Sensors | • Gap transmissive sensor (position adjustable)<br>• Black mark reflective sensor (position adjustable)<br>• Ribbon end sensor<br>• Head open sensor | |
| Real Time Clock | Standard | |
| Internal Fonts | • 8 alpha-numeric bitmap fonts<br>• Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font | |
| Barcode | • 1D barcode<br>Code 39, Code 93, Code128UCC, Code128 subsets 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, RSS-Stacked, GS1 DataBar, Code 11, China Post<br>• 2D barcode<br>PDF-417, Micro PDF 417, Maxicode, DataMatrix, QR code, Aztec, TLC 39, RSS | |
| Font & Barcode Rotation | 0, 90, 180, 270 degree | |
| Printer Language | TSPL-EZD (EPL, ZPL, ZPL II, DPL) | |
| Media Type | Continuous, die-cut, black mark, fan-fold, notched (outside wound) | |
| Media Width | 20mm - 118mm (0.8" - 4.7") | |
| Media Thickness | 0.06mm - 0.19mm (2.36mil - 7.48mil) | |
| Media Core Diameter | 25.4mm - 38.1mm (1" - 1.5") | |
| Label Length | 5mm - 25,400mm (0.2" - 1000") | 5mm - 11,430mm (0.2" - 450") |
| Environment Condition | • Operation: 0°C to 40°C (32°F to 104°F), 25% - 85% non-condensing<br>• Storage: -40°C to 60°C (-40°F to 140°F), 10% - 90% non-condensing | |
| Safety Regulation | CB, FCC Class A, CE Class A, UKCA, RCM Class A, cTUVus, TÜV, IC Class A, NOM, VCCI, CCC, BIS, KC, BSMI, EAC, ENERGY STAR® | |
| Environmental Concern | Comply with RoHS, WEEE | |
| Accessories | • Quick start guide<br>• USB cable<br>• Power cord | |
| Limited Warranty | • Printer: 2 years<br>• Print head: 25km (1 million inches) or 12 months which comes first<br>• Platen: 50km (2 million inches) or 12 months which comes first | |
| Factory Option | Internal Bluetooth 5.0 MFi | |
| Dealer Option | • Peel-off kit (passive)<br>• Regular guillotine cutter (full cut)<br>• Slot-in Wi-Fi 802.11 a/b/g/n/ac with Bluetooth 5.0 combo upgrade kit<br>• Internal Bluetooth 5.0 module* | |
| User Option | • Slot-in Wi-Fi 802.11 a/b/g/n/ac with Bluetooth 5.0 combo module (for device with slot-in housing)<br>• KP-200 Plus keyboard display unit<br>• Universal cutter tray | |

* Choose between a Wi-Fi with Bluetooth combo or an internal Bluetooth interface option.




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