

Precision 445



Precision 445 – Desktop Thermal Transfer Printer



KEY FEATURES

- Up to 203 mm (8") per sec. print speed
- 128 MB Flash memory and 128 MB SDRAM memory
- microSD Flash memory expansion up to 32 GB
- User-friendly clamshell design
- Serial, internal Ethernet USB 2.0 & USB host interfaces standard
- 3.5" color TFT Display
- Label capacity up to 127 mm (5") OD
- Ribbon capacity up to 300 m (984')
- TSPL-EZ™ firmware for plug-n-play ease
- Optional peel-off module, cutter module, external Bluetooth module, slot-in 802.11 a/b/g/n wireless module, stand-alone keyboard
- ENERGY STAR® qualified

APPLICATIONS

- Business/Office
- Product Marking
- Compliance Labeling
- Asset Tracking
- Document Management
- Shelf-Labeling
- Shipping/Receiving
- Specimen Labeling
- Inventory Control
- Patient Tracking

Precision 445 – Desktop Thermal Transfer Printer

Precision 445	
Resolution	12 dots/mm (300 DPI)
Printing method	Thermal Transfer & Direct Thermal
Max. print speed	152 mm (6")/second
Max. print width	106 mm (4.17")
Max. print length	11,430 mm (450")
Enclosure	Clamshell with double-walled plastic
Physical dimension	226 mm (W) x 198 mm (H) x 332 mm (D) 8.90" (W) x 7.80" (H) x 13.07" (D)
Weight	3.75 kg (8.27 lbs)
Label roll capacity	127 mm (5") OD
Ribbon	300 m long, max. OD 67 mm, 1" core (ink coated outside)
Ribbon width	40 mm ~ 110 mm (1.6" ~ 4.3")
Processor	32-bit RISC CPU
Memory	<ul style="list-style-type: none"> • 128 MB Flash memory • 128 MB SDRAM • microSD card reader for Flash memory expansion, up to 32 GB • USB 2.0 • RS-232
Interface	<ul style="list-style-type: none"> • Internal Ethernet, 10/100 Mbps • USB Host • Centronics (factory option) • External Bluetooth (user option) • Slot-in 802.11 a/b/g/n wireless (dealer option)
Operation switch, button, LED/LCD	<ul style="list-style-type: none"> • 1 power switch • 1 feed/pause button • LED panel with 8 big icons
Power	External universal switching power supply <ul style="list-style-type: none"> • Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 3.75A, 90W • Transmissive gap sensor • Black mark reflective sensor (position adjustable)
Sensors	<ul style="list-style-type: none"> • Ribbon encode sensor • Head open sensor
Real time clock	Factory Option
Internal fonts	<ul style="list-style-type: none"> • 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Bar code	<ul style="list-style-type: none"> • 1D bar code Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, Codabar, Interleaved 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, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS • 2D bar code TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)
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, notch (outside wound)
Media width	19 ~ 112 mm (0.75" ~ 4.4")
Media thickness	0.055 ~ 0.254 mm (2.17 ~ 10 mil)
Media core diameter	25.4 ~ 38.1 mm (1" ~ 1.5")
Label length	3 ~ 25,400 mm (0.1" ~ 1,000") ; 3 ~ 11,430 mm (0.1" ~ 450") ; 3 ~ 2,540 mm (0.1" ~ 100")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing
Safety regulation	FCC Class B, CE Class B, RCM, UL, cUL, TÜV/Safety, CCC, BIS, EAC, ENERGY STAR®
Environmental concern	Comply with RoHS, WEEE
Accessories	<ul style="list-style-type: none"> • Windows labeling software CD disk • Quick start guide • USB cable • Power cord • External universal switching power supply
Limited warranty	<ul style="list-style-type: none"> • Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first
Factory options	<ul style="list-style-type: none"> • Centronics parallel interface • Real time clock • 3.5" color TFT display (includes real time clock) • Ribbon end sensor
Dealer options	<ul style="list-style-type: none"> • Peel-off module • Guillotine cutter (full cut) • 802.11 a/b/g/n wireless module (slot-in) • Bluetooth module (serial interface)
User options	<ul style="list-style-type: none"> • External label roll mount • KP-200 Plus keyboard display unit • KU-007 Plus programmable smart keyboard

