COMBINES MOBILITY, VERSATILITY AND SECURE CONNECTIVITY SOLUTIONS IN ONE TINY PACKAGE.

TSC™
Connecting Your Thermal Printing Needs.™

M23
MOBILE DIRECT THERMAL LABEL PRINTER

The new TSC™ M23 mobile printer is the first in a series of TSC portable printers. It introduces a whole new dimension for light-weight wired or wireless printing. Its 3" print width makes it perfect for retail marking applications such as:

▶ Item marking
▶ Markdowns
▶ Shelf labeling
▶ Small signs
▶ Shelf talkers
▶ Portable POS

The 3" wide print width allows end users to use the same printer for a variety of applications including traditional item marking, price-markdowns, and re-labeling. The 3" print width also provides the ability to print shelf-labels horizontally – saving time and money. In addition, emerging applications like printing small signage, or shelf-talkers as well as 3" receipts for portable POS necessitate the 3" print width. The more applications the end user can address with the same equipment, the easier it is to cost justify the purchase.

The M23 features include:

▶ Rugged over-molded design can take up to a 6' (182 cm) drop to concrete and keep going

▶ Full graphic LCD display is standard and shows printer status, battery gauge, set-up menus and error messages

▶ Full range of connectivity options including standard RS-232, standard USB, and optional Bluetooth or 802.11b wireless communication capability

▶ Can print on its back or standing upright for ease of use

▶ Lightweight - only 2.45 pounds (1.11 kgs) with battery and paper installed

▶ Easy media-loading clamshell design

▶ On demand label peel mechanism is included

▶ Long-life 7.4V DC 2200mAh Li-ion battery power

▶ 1" to 3.15" (25.4 to 80.0 mm) wide paper path

Value . Performance . Support

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SPECIFICATIONS

Printer Model	M23
Resolution	203 DPI
Printing method	Direct Thermal
Print speed	1.5, 2.0, 3.0, up to 3.5 ips. 1.5 ips for peeler mode
Max. print width	72 mm (2.83")
Max. print length	304.8 mm (12")
Enclosure	Double-walled plastic with rubber over molded
Physical dimension	183.7 mm (L) x 129 mm (W) x 90 mm (H) 7.23" (L) x 5.08" (W) x 3.54" (H)
Weight (including battery)	920g (2.03 lbs)
Label roll capacity	63.5 mm (2.5") OD
Processor	32-bit RISC CPU
Memory	• 4MB Flash memory • 2MB DRAM
Interface	• RS-232 (max. 115200 bps) • USB 1.1
Power	Two-cell, 7.4V DC, 2200 mAh Li-ion rechargeable battery
User interface	Graphical LCD display (122 dots x 32 dots) with back light
Operation switch, button	5 buttons (On/Off, Feed, and three context-sensitive keys)
Sensors	• Transmissive sensor • Reflective sensor • Head open sensor • Peeler sensor
Internal font	8 alpha-numeric bitmap fonts (1 typeface bitmap font with 5 different sizes, OCRA, OCRB and one true type font)
Bar code	1D bar code 　　Code 39, Code 39C, Code 93, Code 128UCC, Code 128 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, China POST, ITF14, EAN 14 2D bar code 　　PDF-417, Maxicode, DataMatrix, QR code
Font & barcode rotation	0, 90, 180, 270 degrees
Printer language	TSPL2
Media type	Continuous, die-cut, fan-fold, black mark, tag
Media wound type	Outside wound
Media width	25.4~80.0 mm (1.00" ~ 3.15")
Media width (peeler mode)	25.4~76.0 mm (1.00"~2.99")
Media thickness	0.06~0.19 mm (2.3~7.4 mil)
Media core diameter	25.4 mm (1.00") or 12.7 mm(0.5")- Factory option
Label length	Min. 19.05 mm (0.75")
Environment condition	Operation: 0~40°C (32°F~104°F), 5~90% non-condensing Storage: -40~60°C (-40°F~140°F),10~90% non-condensing
Safety regulation	FCC, Class A, CE, Class A, C-Tick Class B, UL, CUL, TUV/GS
Accessories	• BarTender Labeling Software CD disk • Quick start guide • Li-ion battery • 3" width paper core • Hand strap • Battery charger station & power adapter
Limited warranty	• Printer: 2 years • TPH: 1 million inches or 12 months which comes first since delivery from TSC • Platen: 1 million inches
Factory option	• 802.11b Wireless network module • 12.7 mm (0.5") O.D. media core
User option	• Li-ion battery • Bluetooth module • Shoulder strap

ISO 9001 CERTIFIED
ISO 14001 CERTIFIED

Specifications are subject to change without notice.
Contact your TSC sales representative for specific information.
Web site: www.tscprinters.com