TSC PRINTRONIX AUTO ID

MH640P Metal Industrial Bar Code Printer with touch LCD, internal rewinder, 600 dpi, 6 ips

TSC MH240 at an exceptionally low price! "We have not done a better printer yet," says TSC. The MH240 Series is TSC's mainstream industrial barcode label printer. The MH240 Series features a premium printhead technology, faster processor, and all the memory customers will need to print high quality labels delivered at the fastest speeds. The MH240 Series can print on a wide variety of labels, ranging from healthcare patient safety, electronics and jewelry labeling to shipping and distribution labels, making it ideal for industrial duty printing.

The MH240 Series features the best print quality TSC has ever offered thanks to the latest printhead technology combined with faster processors and upgraded firmware. We call our enhanced print quality "Thermal Smart Control" which tracks and precisely calculates the duration that each pixel needs to be heated to provide accurate, crisp and clear labels every time, whether you are printing one label at a time or thousands of labels in a batch.

The new MH240 Series comes with a high-contrast 4.3" color touch LCD panel with 6 button control user friendly design for simple printer set up and job status. Common tasks such as label calibration are one touch away. Menus can be customized to bring common tasks to the front screen, making the MH240 Series the easiest to operate printer.

There are 9 models available with the new MH240 Series. The MH240/MH240T/MH240P prints at 203 dpi at speeds up to 14 inches per second, MH340/MH340T/MH340P offers 300-dpi resolution at speeds up to ten inches per second, and the MH640/MH640T/MH640P features 600 dpi resolution which makes it ideal for printing very small 2D barcodes, graphics, fine print and other ultra-high-resolution images.

The MH240 Series features a rigid, full die-cast aluminum frame designed to last in tough environments and supports a large 8.2 inch outer diameter label roll and up to 600 meter ribbon capacity for high volume printing.

Because our printers our built to last, we back them with a standard two-year limited warranty.

The MH240P version of the printer allows for entire rolls of labels to be rewound inside the printer. The full roll rewind printers (MH240P, MH340P and MH640P) are designed to internally rewinds full label roll on 3" core (comes with taller, non-standard printer base).

MH240 Series features the TSPL-EZ printer-control language, a fully compatible set of standard industry emulations, including Line Mode, Eltron® and Zebra® languages and will work in many IT environments including Oracle, SAP, Unix, AS/400, Windows, Stand Alone, and many more.

Key features MH240:

- "Thermal Smart Control" print technology produces cleanest, high quality barcodes
- Up to 356 mm (14") per sec. print speed
- Easy to operate with the brand new GUI design on display
- 3.5" color LCD with 6-button control for standard model or 4.3" color touch LCD panel with 6-button control for advanced model
- Support 8" OD full roll internal rewinder (Only on MH240P/MH340P/MH640P)
- USB host interface for stand-alone applications
- Available in 203 dpi, 300 dpi and 600 dpi resolutions, firmware automatically detects printhead resolution and switches accordingly
- 600 meter ribbon supply
- MicroSD Flash memory expansion up to 32 GB
- Ribbon capacity and label near end monitor widget
- TSPL-EZ firmware for plug-n-play ease
- Options include: General purpose IO connectivity, internal Bluetooth module, slot-in 802.11 a/b/g/n wireless module kit, and regular cutter
- ENERGY STAR® certified

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Technical Description

Functionality & Operation

Touch-screen panel	Yes, resistive 5-wire
Maximal print length	2540mm
Print speed	152mm/sec (6 ips)
Print resolution	600dpi
Display type	LCD 16 bit color LED backlighted
Communication interface	RS232, USB, Ethernet, USB Host
1D Barcode Symbologies	All standard one-dimension barcodes
Print mode	direct thermal, thermal-transfer
Operation interface	7x button
2D Code Symbologies	TLC-39, MaxiCode, QR code, Aztec, PDF417, MicroPDF417, Data Matrix, GS1 DataBar Composite Code
Maximal print width	104mm
CPU Type	32-bit RISC
Fonts & barcode rotation	0°, 90°, 180°, 270°
Commands set	TSPL-EZ
Expansion slot	Micro SD Card (SDHC)

Optical

Resolution	480x272 px
Sensors	ribbon end sensor, open print-head detector, transmissive, reflective

Electrical

Power Source	Input: 100 ~ 240 VAC, 50~60 Hz, 5A

Mechanical

Dimensions	Width: 276mm, Height: 412mm Length: 502mm
Weight	18.93kg
Color	black
Body housing	metal

Consumables

Minimal label length	5mm
Media type	continuous, black-marked media, fan-fold, notch, perforated
Media thickness	0.06 to 0.28mm
Media core diameter	38.1 to 76.2mm
Maximal roll diameter	203mm
Max. ribbon length	600m
Minimal paper width	25.4mm
Maximal paper width	114mm

Environment

Operating temperature	5 to 40°C
Operating humidity (non-condensing)	25 to 85%

Storage temperature	-40 to 60°C
Storage humidity (non-condensing)	10 to 90%
Others	
Certifications	RoHS, WEEE, FCC Class A, CE Class A, RCM, UL, cUL, TÜV/Safety, CCC, KCC
Warranty	2 years (printer), 25000 m or 12 months (print head), 50000 m or 12 months (printing cylinder), approved material CODEWARE