

TEC LABEL PRINTER **B-452-HS**



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The B-452-HS printer is fitted with a 600 dpi printhead, which is the highest resolution available in the thermal transfer printer market. The high-resolution printing of the B-452-HS meets the market demand for small or varied print runs on demand because conventional thermal transfer printers cannot produce images of a high enough quality for product labels, caution labels, or care labels. With the B-452-HS, TEC provides a label printing solution which eliminates setup costs, such as those for artwork, and reduces stock control and production costs by removing the need for preprinted labels.



Features

- * High print quality.
TEC's original pulse control technology achieves the highest print quality of all barcode printers today.
- * Low cost and high performance.
- * Compact and lightweight.
- * Super accurate print position (within ± 0.5 mm on approved media).
- * Dust-proof cover is standard equipment.
- * 5 sensor positions for various shaped labels.
- * High resolution printing of small 2 dimension codes.
- * Extensive range of ribbons available.

Applications

Produce high-quality graphics, logos, text and bar codes.

- * Electronic - UL/C-UL marking labels, Standard labels, Printed Circuit Board labels, Small part labels

Small part labels

- * Pharmaceutical - caution labels, Illustration and small character instruction labels

Any application requiring small and/or high quality labels



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Printing

- * **Thermal Transfer printing**
- * **Issue mode:** Batch / Cut / Strip
- * **Resolution:** 23.6 dots/mm (600 dpi)
- * **Maximum effective print width:** 103.6 mm
- * **Print Speed:** Max 50.8 mm/sec (2"/sec)

Format

- * **Character Types:**
Alphanumeric, symbols and special characters
- Bit map fonts: 20 fonts (including EURO character)
Times Roman, Helvetica, Courier, Presentation, Letter Gothic, Prestige Elite
- Outline fonts: 7 fonts (including EURO character)
Helvetica, Times Roman, POP fonts, Price fonts
- Writable Character space: 832 KB
- True Type Fonts: (single-byte) can be stored as optional fonts.
TEC has 20 True Type Fonts available as an option.
- * **Barcode types:**
UPC/EAN/JAN, Code39, Code 93, Code128, CODABAR (NW7), ITF, MSI, EAN128, POSTNET, RM4SCC
- * **2-D codes:**
Datamatrix, PDF417, Maxicode, QR code, Customer proprietary
- * **Print orientation for characters and barcodes:** 0°/90°/180°/270°
- * **Graphics:** BMP, PCX files can be used

Paper

- * **Paper type:** Label
- * **Paper width range:** 25.4 to 110 mm
- * **Paper length range:** 5 to 200 mm
- * **Outer roll diameter:** Max 150 mm
- * **Paper roll:** Inner only

Ribbon

- * **Ribbon width:** 60 to 110 mm
- * **Maximum ribbon length:** 270 m (Outer roll diameter: Max 65 mm)

Interfaces

- * **2 serial ports:** RS232C, keyboard interface
- * **1 parallel port:** Centronics interface
- * **Expansion I/O interface**

Memory

- * **Internal memory:** 2 MB Flash memory

Physical

- * **Height:** 245 mm
- * **Width:** 270 mm
- * **Depth:** 200 mm (410 mm with supply holder unit)
- * **Weight :** 7.5Kg (Without paper and ribbon)

Environmental

- * **5 to 40°C**
- * **25 ~ 85%**
Non-condensing relative humidity

Options

- * **B-7204-QM:** Cutter module
- * **B-7904-H-QM:** Strip module
- * **KB-80-QM:** External stand alone Keyboard
- * **LAN interface available**

