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 Å}0.5mm 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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B-452-HS

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:** 0Åã, 90Åã, 180Åã, 270Åã
* **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**
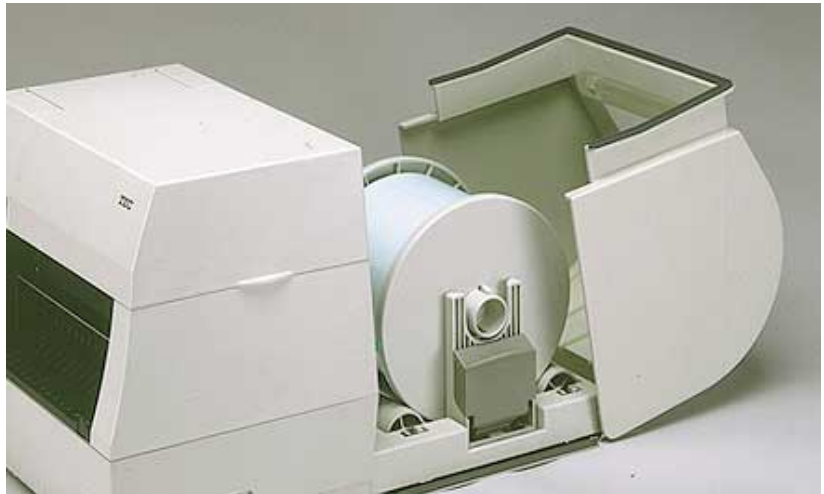
Memory

* **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**