

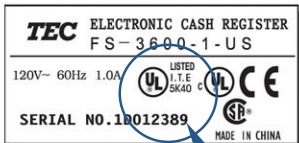
**TEC LABEL PRINTER B-452-HS**



**600dpi  
High Print  
Quality**

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

The B-452-HS printer is fitted with a 600 dpi printhead, the highest resolution available in the thermal transfer printer market. The high resolution print of the B-452-HS meets the market demand for small or varied print runs on demand where as conventional thermal transfer printers cannot produce images of a high enough quality for product, caution, or care labels. With the B-452-HS, TEC provides a label printing solution which can eliminate setup costs, such as those for artwork, and reduces stock control and production costs by removing the need for pre-printed 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  $\pm 0.5\text{mm}$  on approved media).
- Dust-proof cover as standard .
- 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
- Pharmaceutical - caution labels, Illustration and small character instruction labels

Any application requiring small and/or high quality labels



# TEC LABEL PRINTER 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:  
True Type Fonts (1 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 code symbologies :  
Datamatrix, PDF417, Maxicode, QR code, Customer barcode
- 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 (1" to 4.3")
- Paper length range: 5 to 200 mm (0.2" to 7.87")
- Paper thickness : 0.1 to 0.17 mm
- Outer roll diameter: Max 150 mm (5.9")
- Paper roll: Inner wound only

## Ribbon

- Ribbon width: 60 to 110 mm (2.36" to 4.3")
- Maximum ribbon length: 270 m (886')  
(Outer roll diameter: Max  $\phi$ 65 mm) (or 2.56")

## Interfaces

- 2 serial ports:  
RS-232C, keyboard interface
- 1 parallel port: Centronics interface
- Expansion I/O interface

## Memory

- Internal memory: 2 MB Flash memory

## Physical

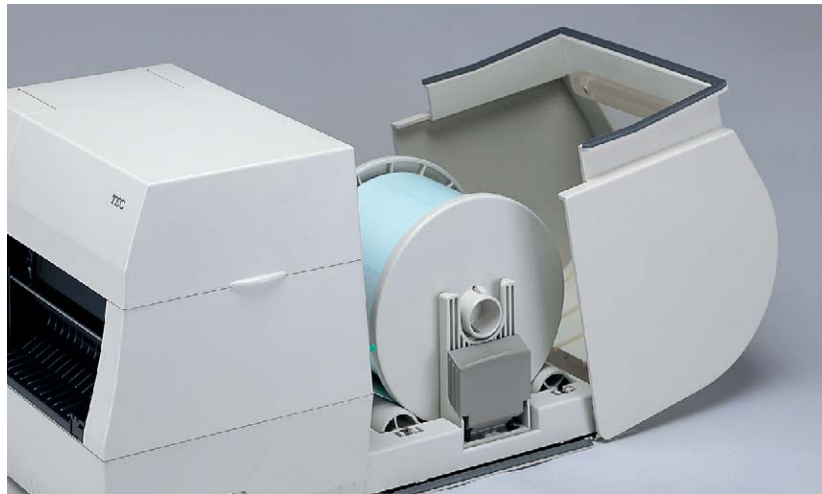
- Height: 245 mm (9.65")
- Width: 270 mm (10.63")
- Depth: 200 mm (7.87")  
(410 mm/16.14" w/supply holder unit)
- Weight: 7.5Kg  
(Without paper and ribbon)

## Environmental

- 5 to 40°C (41 to 104°F)
- 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



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**TEC**  
Toshiba Group