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.
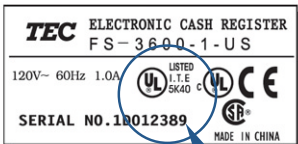

Features
■High print quality.
  TEC's original pulse control technology achieves the highest print quality of all barcode printers today.
■Low cost and high performance.
■Compact and lightweight.
■Super accurate print position (within ± 0.5mm on approved media).
■Dust-proof cover as standard .
■5 sensor 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 ϕ65 mm) (or 2.56")

Interfaces

- 2 serial ports:

    RS-232C, keyboard interface

- 1 parallel port: Centronics interface
- Expansion I/O interface

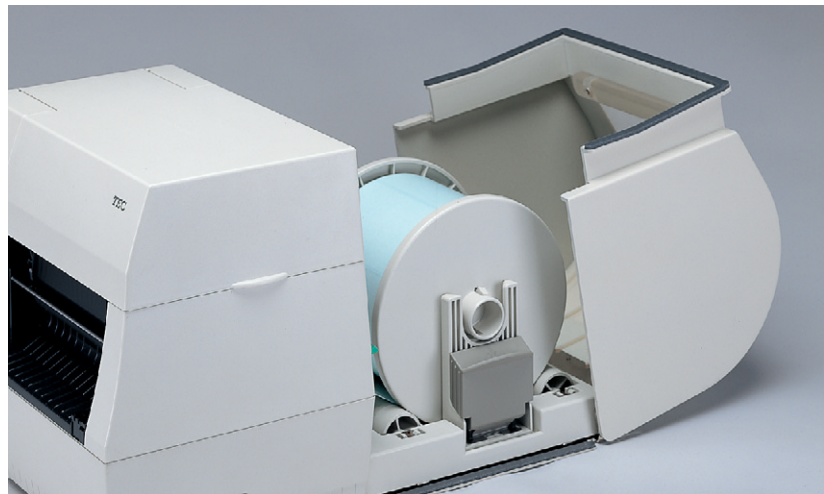## Memory

- 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

TEC
Toshiba Group