B-492

In-line Thermal Printer Module

Specifications

Printing	
Technology	Thermal Transfer / Direct Thermal printing
Resolution	12 dots/mm (305 dpi)
Maximum print width	104 mm (4.1 inches)
Print Length	Maximum 1,000 mm
Print speed	Thermal Transfer: 5, 8, 10 ips
	Direct Thermal: 4, 5, 8 ips

Format	
Character Types	Alphanumeric, symbols and special characters
Bit Map Fonts	20 fonts including the EURO symbol
Outline Fonts	7 fonts including the EURO symbol
	Writable Characters can be created and stored
True Type Fonts	True type fonts are available as an option
Barcode Types	UPC/EAN/JAN, Code 39, Code 93, Code 128, NW7, ITF, MSI, EAN128, Industrial 2 of 5, RM4SCC, KIX-code, Postnet
2-D Code Symbologies	Data Matrix, PDF (Micro+417), Maxicode, QR code
Graphics	TEC internal, BMP and PCX file formats can be used

Print orientation	0, 90, 180, and 270 degrees for Barcodes and Characters

Label	
Label Width	20* - 112 mm (including Backing Paper)
Label Length	10 - 1,000 mm (minimum label pitch is 12 mm)
Label Thickness	0.13 - 0.17 mm

Ribbon	
Ribbon Width	41 - 112 mm
Maximum ribbon length	600 m
Ribbon Saving	Standard

Interface	
Standard	RS232C (D-Sub 9 pin), Centronics, Expansion I/O, Keyboard port (for KB-80).
Optional	TCP/IP
	PCMCIA for ATA Cards

Memory	
Internal Memory Size	Flash Memory: 4MB SDRAM: 8MB

Physical	
Printer Block	245 Wide, 357.5 Deep, 300 High
PSU	170 Wide, 265 Deep, 86 High
Weight	Printer Block 13 kg, PSU 3.5 kg

Electrical	
Power	220 – 240 VAC
	(Separate Power Supply Unit with 2 meter power cable)

Environmental	
	5 - 40 degree C 25 - 85 % NON-CONDENSES HUMIDITY

Standard	
	CE Class A, TÜV/GS

Options	
	B-7708-PC-QM: PCMCIA Module KB-80-QM: Keyboard, 20 degree Peel-off Plate LAN card, ATA card TrueType Font Kit

*25.4 mm at 10 ips in Peel-off

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B-492

In-line Thermal Printer Module

- **Automatic in-line label production**
- **Heavy duty thermal printing**
- **The highest quality at the fastest achievable speeds**
- **Maximum production with minimal downtime**

Building on the best-selling and robust TOSHIBA TEC Enhanced Industrial thermal printer range, the B-492 is a robust in-line print module, packed with all the exceptional features of its desktop counterparts, plus many additional extras!

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Superb 300 dpi resolution is of course standard, but with top quality print maintained at 10 inches a second!
Thermal print-and-apply has never been so controllable! Perfect for all labelling applications, the B-492 is especially suited to clean and controlled environments such as food and pharmaceuticals production.

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B-492
In-line Thermal Printer Module

TOSHIBA TEC's ever-reliable real ribbon save function also comes as standard, wasting less consumables, cutting ribbon costs and significantly reducing a printer's downtime for ribbon changing.

Also available is the ability to interrogate the B-492 over your Intranet or the Internet meaning that any downtime in your business-critical applications for maintenance or service can be viewed immediately via a web browser at any time from anywhere.

Paper loading is as simple as ever, with our unique easy-load flat paper path.

Another feature of the B-492 is the ability to accept different label widths with no adjustment required, significantly reducing downtime or even the need to call out engineers.

The different types of materials the B-492 module will accept is astonishing, due to TOSHIBA TEC's superior engineering. Separate stepper motors and centralised printing give the flexibility to handle materials of differing thickness and texture.

Enclosed in the TOSHIBA TEC stainless steel case for additional strength and protection, the B-492 has been designed to complement the TOSHIBA TEC Enhanced Industrial range. Therefore, many of the consumable spare parts are compatible with those already widely available.
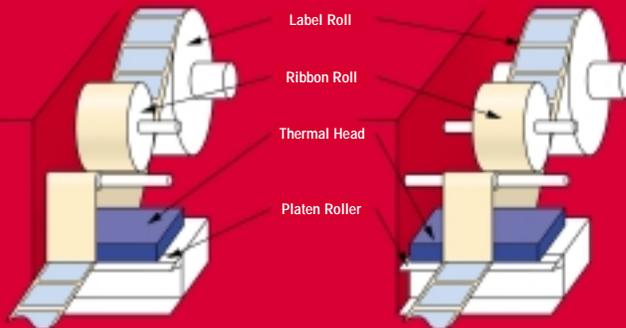
All packaged up with dedicated TOSHIBA TEC service and support, the B-492 is always the first choice if you are looking for long-term performance and reliability.

The Flexible Solution

The new B-492 in-line print module is a centralised printing unit, meaning that the labels and ribbon are aligned to the centre of the printing mechanism. This moves away from the traditional edge-aligned applicators, opening up a new avenue in flexible printing.

- Accepts the widest variety of materials
- Quick and easy paper loading
- Even printhead pressure automatically
- No downtime required for complicated mechanical adjustments

Advantages of Centralised Printing Mechanisms

- Label Roll
- Ribbon Roll
- Thermal Head
- Platen Roller

Edge-aligned printing

Centralised printing

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Uneven head pressure occurs when the width and thickness of the labels varies enough to disrupt the balance of the printhead on the labels. Uncorrected, this can cause uneven or fuzzy printing on the right and left, ribbon wrinkle and even paper feed skewing.
To correct uneven head pressure, edge-aligned print mechanisms usually require complex mechanical adjustment when different label widths and thicknesses are used.
The B-492, with its centralised mechanism technology, simply avoids all of the inherent problems associated with edge-aligned units.

Compatible Backing Plate

The B-492 backing plate has industry-standard mountings for simple integration into existing systems.

Improved High-Speed Printing

The B-492 performs at a real achievable speed of 10 inches per second, due to TOSHIBA TEC's demanding high quality performance standards.

Ergonomically-designed for Simple Operation

The B-492 has an adjustable keypad that can be rotated through 360 degrees for viewing from any position. Comprising of a large backlit LCD display and LED lights, it clearly displays the status of the printer, informs the user of any action that may need to be taken, and also gives access to the printer's on board diagnostics and parameter settings. A detachable power supply unit with 2 metre cable ensures that the printer can be installed into most production environments with ease, even with intensive space restrictions.

Real Ribbon Saving

TOSHIBA TEC's engineering allows superior true ribbon saving even at the ultra-fast print speed of 10 inches per second. Our ribbon save function stops the ribbon being used up when it is not required on part of a label. This gives a lower consumables cost, reduces the amount of downtime required for ribbon changing, and also allows use of identical TOSHIBA TEC ribbon stock from the extensive choice already available for the industrial ranges.

Precision Peel-off Function

To enable greater flexibility in handling media, the peel-off and printing platens are driven separately, allowing the B492 to effectively control the tension of the backing paper. This results in a peel-off function that performs with incredible precision, and without the need for mechanical adjustment for different label stocks.

Unique Peel-off Mechanism

The B-492's heavy-duty peel-off mechanism comes with an interchangeable peel-off plate, giving it the required flexibility to meet varied application needs.
Furthermore, backing paper tension is easily maintained with the superior peel-off pinch roller component, allowing one-handed operation on label changes.

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