

**TEC Direct Thermal Printer B-419**

**A**n extremely low-cost direct thermal printer, the B-419 is perfect for many labelling and receipt applications, including transport, warehousing, distribution, healthcare and offices.

As well as handling roll-fed and fan-fold media the B-419 uniquely accepts single cut-sheet media , meeting the advanced requirements of today's printing market. The B-419 is designed with the user in mind, to TOSHIBA TEC's state of the art high quality standards. Single pass printing on two-ply receipts is also possible using approved paper. With four separate modes of operation, the B-419 neatly bridges the gap between the worlds of portable and desktop printers. It has the same label and receipt modes as the already hugely successful TEC portable printers, and has two extra modes available which are a " light" version of standard TEC Printer Control Language, and a high-speed graphic mode. However, the printer can be used very simply from any PC application using its very own Windows driver - making it as versatile as most printers in the TOSHIBA TEC range. Whilst the B-419 is a low-cost printer it is also extremely tough and reliable.

TEC  
Direct Thermal Printer

# B-419

- *Compact yet Versatile*
- *Simple to use*
- *Tough and Reliable*

## H ealthcare

From manufacturing or distributing medical supplies, through to the critical task of administering and dispensing medicines safely and reliably to patients in hospitals and surgeries, the B-419 is an ideal printing solution for the healthcare market. With on-demand printing on a variety of media including single-sheet paper, or even two-ply docket or prescriptions, the B-419 is so simple to use and versatile, it can be operated by laboratory workers, truck drivers and doctors alike !

## T icketing

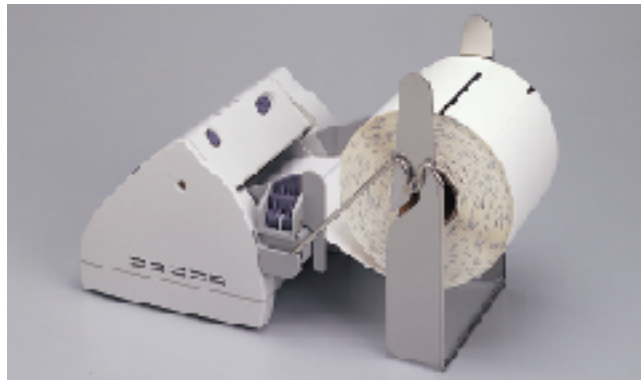
Due to its very small footprint, the B-419 can sit inside custom-made units, printing tickets and labels on demand for a variety of applications such as cinema or exhibition entry passes, transport passcards, or receipts.

## T ransportation

Being a low-cost but high-quality printer, the B-419 can produce on-demand shipping labels or delivery slips on customer sites for courier companies. Such services may use a variety of media types, such as fan-fold paper, two-ply single sheet paper or roll-fed labels, and the B-419 will accept all of these ! Furthermore, an online internet form can be filled in by the customer in order for the B-419 to produce the exact label or slip format required by the delivery company.

## O ffice

The B-419 can fit into the smallest space in the busiest of office environments, providing fast on-demand address labels for letters, mailshots, packages and any other labelling needs. With its own Windows driver, it can be simply connected to any PC that uses Windows software ! With the B-419 on your desk, you have the ability to create labels in seconds at your fingertips.



### B-419 SPECIFICATIONS

<b>○ Printing</b>	
· Print technology: Direct thermal printing	
· Resolution: 8 dots/mm (203dpi)	
· Maximum effective print width: 104mm	
· Print Speed: Max. 50.8mm/sec(2"/sec)	
*Print speed is automatically adjusted to suit the environmental conditions.	
<b>○ Format</b>	
· Bitmap fonts: Times Roman, Helvetica, Courier, Presentation, Letter Gothic, Prestige Elite Standard /Characters under bars, Bold, Price Font, OCR, GOTHIC725 Black	
· Outline fonts: Helvetica, Dutch801, Brush738, GOTHIC725 Black	
· Writable Characters: Maximum of 128 types can be stored.	
· Barcode: UPC/EAN/JAN, Code39, Code128, CODABAR (NW7), EAN128, Interleaved 2 of 5, MSI	
· 2-D code: Datamatrix, PDF417, Maxicode, QR code, Micro PDF	
· Graphic storage: One graphic data can be stored (Max.16Kbytes)	
<b>○ Paper</b>	
· Paper type: Label, Tag, Receipt (Roll, Fanfold and Cut Sheet Form paper are available)	
· Paper width: 25 to 106mm, 109mm* <sup>1</sup> fixed (When using the Cut sheet, minimum size is 33mm)	
· Effective print width: Max. 104mm	
· Effective print length: Max. 390mm	
· Maximum Media O.D. 127mm	
<b>○ Interface</b>	
· Standard Interface: RS232C	
· Maximum Transmission speed: 38,400 bps	
<b>○ Physical</b>	
· Size: 167(W) × 130(H) × 187(D)mm * <sup>2</sup>	
· Weight: 1.6 kg * <sup>2</sup>	
<b>○ Electrical</b>	
· QP model: 220 - 240 VAC	
· QQ model: 120 VAC	
<b>○ Environmental</b>	
· 0 to 40 °C	
· 25 to 85% Non condensing relative humidity	
<b>○ Standard</b>	
· QP model: CE, C-Tick, TUV/GS	
· QQ model: FCC Class A, UL/CUL	

\*1 : These size are the maximum value, if the media guide is removed.

\*2 : Without supply holder

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