



### General Features:

- \* Simple installation and easy maintenance structure
- \* Compact and functional flat design
- \* High-printing speed up to 150 mm/sec (even in full graphic mode)
- \* Straight paper path for label and thick paper feeding, capable to support thick paper up to 180µm (BH type only)
- \* Partial cur autocuter for direct ticket output through metal outlet guide. Full cut autocuter for ticket-chute assembling available, under request
- \* Capable to support an up to 130mm diameter paper roll for a long paper service
- \* Remaining paper adjustment
- \* Automatic paper positioning with optical mark
- \* Both 8-bit parallel CENTRONICS and serial RS232C data input interfaces on-board. Universal Serial Bus (USB) data input interface under development
- \* On-board paper feed/auto-test button
- \* Line printing method: printing is performed every time a text line is filled
- \* Hexadecimal mode for easy software debugging
- \* Printing adjustments: speed, density and consumption
- \* Several error detection: paper jam, paper low, paper out, head up, wrong voltage, temperature, and etceteras
- \* Interface parameters configurable via software (no dip-switches on-board) and stored in non-volatile memory
- \* European standard PC437 character table
- \* Command list compatible with Epson ESC/POS™ protocol
- \* Remarkable commands:
  - \* Scalable characters (independent on X / Y axis)
  - \* Selectable printing intensity
  - \* Printer error / status request
  - \* EAN13, CODE 39, CODE 128 and ITF bar-codes
  - \* Printing of graphic bitmaps
  - \* Programmable character and line spacing
  - \* Two different font sizes (font A = 12x24 dots, font B = 8x16 dots)
- \* Additional Windows-based demos & printer status software
- \* Windows 95/98/2000/Me/XP and NT drivers available
- \* Linux drivers available for E type. This E type is built-in IEEE 1284 bi-directional parallel input

### Technical Specifications:

Model	TK42-60	TK42-80	TK42-82	VL42-60	VL42-80	VL42-82
Printing method	Thermal line dot system					
Printer mechanism and paper cutter	EPSON M-T5000 Series					
Data interface	IF-500					
Dot composition/line	448	576	640	448	576	640
Resolution (dots/mm)	8					
Printing speed (mm/seg)	150 max.					
Paper width (mm)	60	80	82,5	60	80	82,5
Printing width (mm)	56	72	80	56	72	80
Power supply	Single 24VDC			Built-in 100 to 230VAC power supply		
Reliability (MCBF)	37 x 10 <sup>6</sup> lines					
Operating temperature	0°C to 70°C					
Inner core diameter (mm)	25,4					
Paper service (m)	200					
Dimensions W x D x M (mm) (do not include paper roll)	180 x 130 x 205					
Weight (gr)	1300	1400	1500	1500	1600	1600

### How to Order:

TK/VL42-**XX**-**X**-**XX**

Paper width	Code
60 mm	60
80 mm	80
82,5 mm	82

**X** : nil : 150µm maximum paper thickness (standard type)  
**H** : 180µm maximum paper thickness (1)  
**E** : Linux driver printer type with bi-directional parallel port

**XX** : nil : standard type  
**XX** : custom-made type (under agreement only)

*(1) Available in 80 and 82,5 mm paper width, only.*