



### General Features:

- \* Simple installation and easy maintenance structure
- \* Compact and multifunctional low-profile 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
- \* Full cut autocuter for ticket-chute assembling. Partial cut autocuter for direct ticket output through metal outlet guide also available, under request
- \* Various paper roll diameters allowance to adapt the paper service of each application
- \* Remaining paper adjustment
- \* Automatic paper positioning with optical mark
- \* IEEE 1284 Bi-directional parallel, or serial RS232C, or Universal Serial Bus (USB) data input interface on-board
- \* 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

### Technical Specifications:

Model	TK46-60	TK46-80	TK46-82
Printing method	Thermal line dot system		
Printing mechanism & paper cutter	EPSON M-T500 Serie		
Data interface	IF-510 Serie		
Dot composition/line	448	576	640
Resolution (dots/mm)	8		
Printing speed (mm/seg)	150 max		
Paper width (mm)	60	80	82,5
Printing width (mm)	56	72	80
Power supply	Single 24VDC		
Reliability	37 x 10 <sup>6</sup> lines		
Operating temperature	0°C to 55°C, or -15°C to 55°C for W type		
Inner core diameter (mm)	25,4		
Paper service (m) approx)	110mm diameter: 160 150mm diameter: 270		
Dimensions W x D x M (mm) do not include paper roll	111 x 192 x 110	133 x 192 x 110	
Weight (gr)	1.300	1.400	

### How to Order:

TK46-**XX**-**X**-**XXX**-**X**-**XX**

- XX** : 60 : 60mm paper width  
80 : 80mm paper width  
82 : 82,5mm paper width
- X** : S : Serial RS-232C input  
P : IEEE 1284 Bi-directional parallel input  
U : USB input (2)
- XXX** : 110 : Maximum paper roll diameter 110mm  
150 : Maximum paper roll diameter 150mm  
XXX : Other paper roll diameter upon request
- X** : nil : 150µm maximum paper thickness (standard type)  
H : 180µm maximum paper thickness (1)  
W : extended temperature range  
WH : 180µm maximum paper thickness and extended temperature range (1)
- XX** : nil : standard type  
XX : custom-made type (under agreement only)

(1) Only available in 80 and 82,5 mm paper width, only.

(2) On development

Note: Optional for TK46 series in direct ticket output, a metal ticket guide (MTG-01) on-board