

THERMAL PRINTER

# EPSON TM-T90



## EPSON TM-T90 High-speed thermal printer

- Superb paper handling
- Superior design
- Usability

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**EPSON**<sup>®</sup>  
RETAIL SOLUTIONS

EPSON RETAIL SOLUTIONS

# EPSON TM-T90



## High-speed, high-performance thermal printing

The EPSON TM-T90 is designed with customer satisfaction in mind. And keeping customers happy is what EPSON's brand new thermal printer is all about. Complementing the immensely popular TM-T88 series, the TM-T90 comes with the advanced features and lower operation costs that you can expect from EPSON, the world's leading provider of POS equipment. With its astonishing speed, beautiful 2-colour printing, and extraordinary versatility, you can be sure that the TM-T90 won't let you down.

The fastest printer in its class\*,  
this brand new thermal printer from EPSON is simply the best.

### Providing top-quality service...

Customers are impressed by fast, efficient service. When they're waiting in a line, the last thing they want is to be kept waiting while tickets or receipts are printed out, or while paper is changed. And speed and efficiency are what you get with the EPSON TM-T90. Perfect for retail, hospitality and other establishments that rely on face-to-face client contact, this exciting new counter-top thermal printer is just what's needed to help you provide your customers with the top-quality service they demand and deserve.

### 2-Colour Printing<sup>†</sup>

The ability to print in two colours puts the EPSON TM-T90 in a class of its own.\* Previously unknown in such a printer, this exciting new feature enables users to print their logo and to highlight the parts of the label or ticket they want to emphasise. Printing in two colours not only opens up a new world of design possibilities, but is sure to impress customers too.

<sup>†</sup> To print in two colours, users must load dedicated thermal paper and set the printer to the 2-colour printing mode.

\* All data in this pamphlet is correct as of January 1, 2001.

# EPSON TM-T90

## *superb paper handling*

### High-speed

There's no need to keep customers waiting with the EPSON TM-T90. Printing at a maximum speed of 170 mm/sec, there's no doubt that it's the fastest printer in its class\* – even when printing barcodes and logos. \* 2-colour printing speed is 57 mm/sec.

### Large paper rolls

The EPSON TM-T90 provides you with all-round paper-handling versatility. The ability to handle paper rolls of up to 100 mm in diameter reduces paper-loading downtime and saves on the cost of purchasing paper.

### Selectable paper width

You don't have to buy another printer to print on different size paper. With a simple spacer adjustment, users can adjust the TM-T90 to suit a variety of receipt sizes. Available paper widths range from 58-60 mm (with spacer), or 80 mm.



Step 1



Pull the lever, and open the door until it is fully open.

Step 2



Insert the paper roll.

Step 3



Close the door. The paper is fed automatically.



## *superior design*

### Easy to site

Available in two attractive colours, the TM-T90 is designed to blend into even the most refined of establishments. Install the printer vertically or horizontally, or use the optional wall-hanging bracket to move it off the counter altogether.

### Cable management

The TM-T90 avoids the problem of unsightly cables by having all its interfaces located beneath the main unit. With convenient holes providing flexibility for installation, there's no need for cables to detract from the atmosphere of your establishment.

### Compact

A compact design and small footprint makes the TM-T90 ideal for counters with limited space. Its low profile means that face-to-face contact with your customers is unimpeded, and there are no sharp corners or jutting out parts to get in the way.

## *usability*

### Easy operation and maintenance

The TM-T90 is so easy to use that it requires almost no training for even the most inexperienced of staff. With no complicated paper feeding, the drop-in loading method allows operators to open the door and load new paper in a few short seconds.

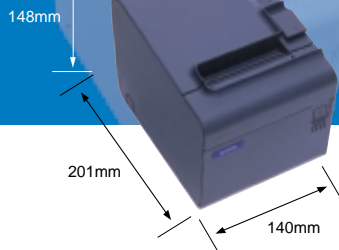
### Reliable

There's nothing more annoying for you – and your customers – than paper jams. Not only are paper jams unlikely with the TM-T90, but they are easy to clear when they do occur. A long lifespan allows your TM-T90 to print up to twenty million lines. (MCBF: Seventy million lines)

### Flexibility

The EPSON TM-T90 can be operated using all standard commands and drivers for the retail environment. For Asian markets, a variety of languages are supported as a factory option.

# THERMAL PRINTER EPSON TM-T90



## Specifications

<b>PRINT METHOD</b>	Thermal Line Printing
<b>PRINT FONT</b>	
FONT	9x17 / 12x24
COLUMN CAPACITY	56 / 42 columns
CHARACTER SIZE (mm)	1.3 (W) x 2.4 (H) / 1.7 (W) x 3.4 (H)
CHARACTER SET	95 Alphanumeric, 37 International, 128 x 11 Graphic Barcode: UPC-A, UPC-E, Jan 13 (EAN), Jan 8 (EAN), CODE39, CODE93, CODE128, ITF, CODABAR, PDF417
CHARACTERS PER INCH	20.0cpi / 15.0cpi
<b>INTERFACE</b>	
	RS-232, Bi-directional parallel Dealer option: RS-485, USB, 10 Base-T I/F
<b>DATA BUFFER</b>	4 KB OR 45 bytes
<b>PRINT SPEED</b>	Max. 170mm/sec
<b>PAPER DIMENSIONS</b>	Roll paper: Max. 79.5 - 0.5mm x dia. 100.0mm
<b>PAPER THICKNESS</b>	0.06 to 0.08mm
<b>POWER</b>	24 VDC - 7%
<b>POWER CONSUMPTION</b>	Approx. 1.7 A (mean)
<b>D.K.D. FUNCTION</b>	2 drivers
<b>RELIABILITY</b>	
MTBF	36x10 <sup>4</sup> hours
MCBF	70x10 <sup>6</sup> lines
<b>OVERALL DIMENSIONS</b>	140 (W) x 201 (D) x 148 (H) mm
<b>MASS</b>	Approx. 1.8 kg
<b>EMC STANDARDS</b>	VCCI class A, FCC class A, CE marking, AS/NZS 3548 class B
<b>POWER SUPPLY (OPTION)</b>	PS-170, PS-180
<b>SAFETY STANDARDS</b>	UL / CSA / TÜV (EN60950)

## OPTIONS

### POWER SUPPLY



PS-170  
Power Supply Unit



PS-180  
Power Supply Unit



WH-10  
Wall Hanging Bracket

## ESC/POS® Proprietary Command System

EPSON took the initiative by introducing ESC/POS, a proprietary POS printer command system including patented commands and enabling versatile POS system construction with high scalability. Compatible with all types of EPSON POS printers and displays, this proprietary control system also offers the flexibility to easily make future upgrades. Its popularity is worldwide.

## OLE POS

Taking the lead worldwide, EPSON offers OCX driver software for application development support in Windows® 95/NT environments.



Conforms to OLE POS specifications.

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