

# TM-T90

## Thermal Label Printer

# TM-T90

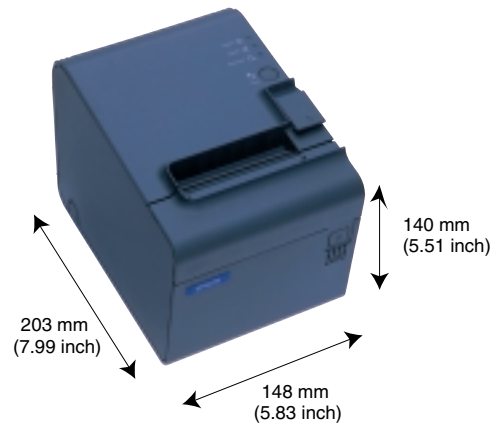
## Thermal Label Printer

EPSON®



- Superb paper handling
- Superior design
- Usability

### APPEARANCE



### SPECIFICATIONS

<b>Print Method</b>	Thermal line printing
<b>Print Font</b>	
Font	9 x 17 / 12 x 24
Column capacity	64 / 48 columns
Character size	1.1 (W) x 2.1 (H) / 1.5 (W) x 3.0 (H) mm
Character set	95 Alphanumeric, 37 International, 128 x 11 Graphic
	Barcode: UPC-A, UPC-E, JAN13(EAN), JAN6(EAN), CODE39, CODE93, CODE128, ITF, CODABAR, PDF417, MaxiCode, QRCode
Characters Per Inch	20.2 cpi / 15.0 cpi
<b>Interface</b>	RS-232 / Bi-directional parallel / RS-485 (option) / USB (option)
<b>Data Buffer</b>	4 KB or 45 bytes
<b>Print Speed</b>	Max. 170 mm / sec.
<b>Paper Dimensions</b>	Rollpaper: 79.5 ± 0.5 mm x dia. 100.0 mm
<b>Paper Thickness</b>	0.06-0.15 mm
<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	36 x 10 <sup>4</sup> hours
MCBF	70 x 10 <sup>6</sup> hours
<b>Overall Dimensions</b>	148 (W) x 140 (D) x 203 (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 / TUV (EN60950)

### OPTION



■ PS-170 (option)  
- Power supply unit



■ PS-180 (option)  
- Power supply unit



■ WH-10 (option)  
- Wall Hanging Bracket

**ESC/POS®** EPSON took the initiative in introducing ESC/POS, a POS printer command system enabling versatile POS system construction with high scalability. Compatible with all types of printers and displays, this proprietary control system also offers the flexibility for easy future upgrades. It has become popular in the world.

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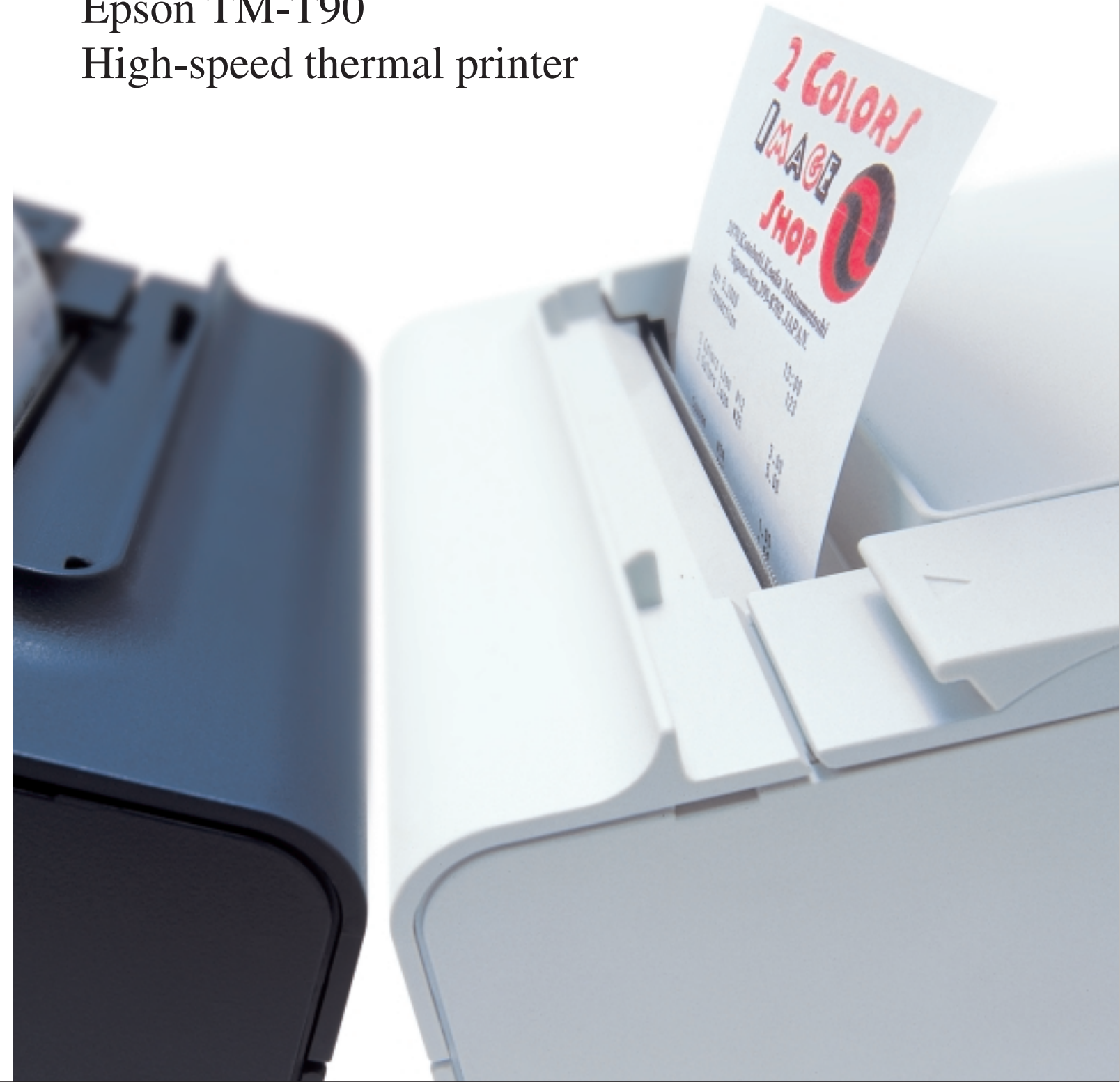
**SEIKO EPSON CORPORATION** Web site <http://www.epson.com>

0011A Printed in Japan

For details, please contact:

## Epson TM-T90

### High-speed thermal printer



# Epson TM-T90

## High-speed, high performance thermal printing

Customers are what matter most to a business. And keeping customers happy is what Epson's brand new TM-T90 thermal printer is all about. The successor to the immensely popular TM-T88 series, the TM-T90 comes with the advanced features and superior cost performance that you can expect from Epson, the world's leading provider of POS equipment. With its astonishing speed, beautiful 2-color 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 that you can buy.

### Thermal Printer

# 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-color 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. 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.



### 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-color printing speed is 50 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 label paper.

#### Selectable paper width

There's no need 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 label types and sizes. Available paper widths range from 58-60 mm (with spacer), or 80 mm.



### Superior design

#### Easy to site

Available in two attractive colors, 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 lid and load new paper in a few short seconds.



Step 1: Press the lever, open and pull down the door until it is fully open.



Step 2: Insert the paper roll.



Step 3: Close the door. The paper is fed automatically.



#### 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 one million labels or twenty million lines. (MCFB: 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.

### 2-Color Printing

The ability to print in two colors 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 emphasize. Printing in two colors not only opens up a new world of design possibilities, but is sure to impress customers too.

