

# EPSON<sup>®</sup> TM-T90



## *2-colour thermal receipt printer*

- Ultra-fast receipt printer
- High resolution graphics and barcodes
- 2-colour and mono printing capability
- Easy operation
- Compact and space saving
- Robust and reliable



*A high-resolution, mono and 2-colour  
highly competitive environments, such as  
excellent printing performance products  
suited to fast-moving Points of Sale; a*

Epson's TM-T90 brings a new colour dimension to thermal printing and high-resolution graphics to produce receipts and tickets of exceptional sharpness and clarity. The printer's high-speed output and practical, easy-to-use features such as drop-in paper load, will help to enhance speed and efficiency at the Point of Sale, while its compact design makes it ideal for both retail and hospitality applications.

### Reinforce your brand

This thermal printer gives you the opportunity to create a truly unique receipt or coupon, which will help to reinforce your brand. Capable of both high speed mono printing, colour text and high resolution graphics, the TM-T90 is one of the most versatile printers available today.



The printer's advanced features enable you to experiment with digital logos, complex colour graphics (red/black or blue/black) – including two-dimensional barcodes. Whatever you decide, you can be sure your customer will receive a clear, easy-to-read, intelligent receipt, which will continue to promote your company, even after they have left the store or restaurant.

### Enhanced customer service

The high-performance TM-T90 holds the key to enhanced customer service at the Point of Sale, helping to minimise queues in fast-moving retail environments by keeping transaction times to a minimum. This is mainly due to its phenomenal printing speed of 170mm/sec for mono text and graphics.



Drop-in paper load



Secure cable management



Power supply unit

*thermal printer, the TM-T90 enables effective brand reinforcement in today's  
such as supermarkets, forecourt shops and fast food outlets. The product's  
produces eye-catching receipts and tickets; its speed and easy operation are totally  
and you can be confident that its reliability and robust design won't let you down.*

Efficiency at the checkout is also optimised thanks to the TM-T90's ability to accept large diameter paper rolls and reduce print margins, which minimises the number of paper roll changes required. At the same time, practical features, such as drop-in paper load, selectable auto-cutter and jam-proof paper feed make the TM-T90 exceptionally easy for your checkout staff to operate, enabling them to concentrate wholly on serving the customer.

#### Reliable and efficient

You can rely on the TM-T90 to provide uninterrupted receipt printing, even in more challenging hospitality environments. The printer's environmentally hardened casing is designed to prevent the ingress of food and liquids, in the event of any spillages, while the excellent cable management system prevents accidental disconnection while in use.



#### Versatile and adaptable

The TM-T90 benefits from Windows drivers and a wide range of interface options, including a high-speed Serial interface, as well as USB and Ethernet connectivity, which enable the printer to be remotely connected to Point of Sale terminals elsewhere in the store or restaurant, if required.

In addition, the printer's space saving design and stylish appearance (in cool white or dark grey) fits neatly into any retail or hospitality environment, helping to maximise available selling space on the counter top. The product can also be wall-mounted.



- Drop-in paper load
- Accepts large diameter paper rolls
- Flexible interface options
- Versatile installation options
- Environmentally hardened for hospitality
- Mono and colour (red or blue) text and graphics



# EPSON™ TM-T90

## Specifications

### Print Method

- Thermal line printing

### Print Fonts (True type)

- Font A 12(W) x 24(H) mm
- Font B 9(W) x 17(H) mm
- Column capacity (columns) 42/56
- Character size 1.1(W) x 2.1(H) / 1.5(W) x 3(H) mm
- Character set 95 Alphanumeric, 37 International, 128 x 11 Graphic Two Colour
- Print Width 32 - 72 mm

### Bar Codes

- 9 one-dimensional, 3 two-dimensional

### Print Speed

- 170mm/sec mono

### Paper Dimensions

- 57.5 ± 0.5mm x 102mm
- 59.5 ± 0.5mm x 102mm
- 79.5 ± 0.5mm x 102mm

### Paper Handling

- Drop In, Auto Cutter, Near End Sensor

### Current Consumption

- 1.7A (mean)

### Reliability

- MTBF 36 x 10<sup>4</sup> Hours
- MCBF 70 x 10<sup>6</sup> Lines

### D.K.D Function

- 2 drivers in 1 port

### Overall Dimensions

- 140(W) x 203(D) x 148(H) mm

### Weight

- Approx. 1.8kg

### Case Options

- Colour EPSON Cool White, EPSON Dark Grey

Wall mounted installation

### EMC Standards

- VCCI class A, FCC class A, CE marking, Canada EMI, AS / NZS 3548 Class B

### Safety Standards

- UL/CSA, TÜV (EN60950)

### Operating Temperature

- 5° to 45°C

### Data Buffer

- 4K Bytes 45 Bytes

### Memory

- Character 14KB
- User NV RAM 192KB
- NV bit image 348KB

### Interface

- RS-232, RS-485, Parallel, USB, Ethernet

### Power

- 24 VDC ± 7%

### Power Supply (option)

- PS-180



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# ESC/POS®



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Technology for Retail