EPSON
TM-T90
POS Printer

EPSON's TM-T90 thermal printer is the ideal solution when you want one- or two-color receipt printing at the highest speed available.

Built with the same high quality and reliability of EPSON's best-selling TM-T88II, the TM-T90 brings you the added advantages of increased speed, cost-effective graphics printing and larger paper roll capacity. It's the perfect choice for retail stores and restaurants that demand high-volume printing with both one- and two-color capability.

- Affordable one- and two-color printing that's more than 40 percent faster than EPSON's popular TM-T88II
- Uses paper rolls up to four inches in diameter, resulting in fewer paper changes
- Easy, drop-in paper loading with tear-bar or autocutter options
- Ease of use features including Auto Status Back (ASB) messages and a built-in counter for monitoring printer maintenance functions
- Outstanding reliability with an MCBF of 70 million lines
- Newly extended two year warranty

Fast, affordable one- and two-color printing

The TM-T90 prints at speeds of up to 170 mm (6.69 inches) per second—more than 40 percent faster than our TM-T88II. It is designed to take advantage of new, lower-cost two-color thermal papers as they become available. You can print logos and graphics that reinforce your marketing message, with smooth, scalable characters that give your receipts and coupons the highest customer impact. You can print bar codes both vertically and horizontally.

Designed for ease-of-use and convenience

The TM-T90 has a small footprint that allows for flexible placement on a countertop or wall using an optional wall-hanging bracket. Its flexible page mode gives you a choice of receipt layouts. The TM-T90 offers easy drop-in paper loading of rolls up to four inches in diameter, and is available with a tear-bar or autocutter selectable for full or partial cuts.

Additional ease-of-use features include Auto Status Back (ASB) messages and a built-in counter for monitoring printer maintenance functions.

Reliability and connectivity you can count on

With an MCBF of 70 million lines and an autocutter life of 2 million cuts, the TM-T90 delivers the outstanding reliability that is critical in high-volume environments. The printer is available in multilingual versions, including Chinese (simple and traditional), Japanese, Thai, and Korean. Thanks to EPSON's exclusive Connect-It™ interface options, the TM-T90 is compatible with today's best-of-breed and component-based systems. Plus, the TM-T90 is backed by a two year warranty.

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TM-T90 Specifications

General	Print method	Thermal line
	Print resolution	180 × 180 dpi
	Print font — Font	9 × 17/12 × 24
	Column capacity	56/42
	Character size	1.27 × 2.40 mm (W × H)/1.69 × 3.38 mm (W × H) {0.050 × 0.095"/0.067 × 0.133"}
	Character set	95 Alphanumeric, 37 International, 128 × 11 Graphic Traditional/Simple Chinese, Thai, Japanese, Korean
	Bar code	UPC-A, UPC-E, JAN8 (EAN), Jan13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417
	Characters per inch	19.8 cpi (9 × 17 font)/14.8 cpi (12 × 24 font)
Printer	Interface	RS-232, Bi-directional parallel, Options: RS-485, USB, Connect-It™ family*
	Data buffer	4 KB or 45 bytes
	Print speed	53.5 lps maximum (170 mm/sec {6.69"/sec}) (1/8" conversion)
	Paper width	58 mm {2.28"}, 60 mm {2.36"}, 80 mm {3.14"}
	Paper diameter	102 mm {4"} maximum
	Power	24 VDC ± 7%
	Power consumption	Approx. 1.7 A (mean)
	D.K.D. function	2 drivers
	Reliability — MTBF	360,000 hours
	MCBF	70 million lines
	Autocutter	2 million cuts
	Overall dimensions	148 × 140 × 201 mm (H × W × D) {5.8 × 5.5 × 7.9"}
	Mass	Approx. 1.8 kg {3.96 lb}
	Color	ECW, EDG
Control Board	EMC standards	VCCI class A, FCC class A, CE marking, Canada EMI, AS/NZS 3548
	Power supply (option)	PS-170
	Safety standards	UL, CSA, TÜV (EN60950)

Inch values are approximate.
dpi: dots per 25.4 mm (dots per inch)
cpi: characters per 25.4 mm (characters per inch)
lps: lines per second
* To find out more about our line of Connect-It Interfaces talk to your EPSON Sales Representative.

Conforms to OLE POS specifications.

SD-DST90A

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