

Epson

# TM-T90

## POS Printer



- 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



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.

### Fast, affordable one- and two-color printing

The TM-T90 prints at speeds of up to 170mm (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 counter top 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 and Thai. Thanks to Epson's exclusive Connect-It™ interface options, the TM-T90 is compatible with today's best-of-breed and component-based systems.

# Epson TM-T90 POS Printer

Printer Specifications		TM-T90
<b>General</b>	Print method	Thermal line
	Print resolution	180 x 180 dpi
	Print font	
	Font	9 x 17/12 x 24
	Column capacity	56/42
	Character size	0.99(W) x 2.4(H)/1.41 (W) x 3.39(H)mm
	Character set	95 Alphanumeric, 32 International, 128 x 7 Graphic Traditional/Simple Chinese, Thai, Japanese
	Bar code	UPC-A, UPC-E, JAN8 (EAN), Jan 13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417
	Characters per inch	19.8 cpi (9 x 17 font)/14.8 cpi (12 x 24 font)
	<b>Printer</b>	Interface
Data buffer		4K or 45 bytes
Print speed		53.5 lps maximum (170mm/sec, 6.69"/sec)(1/8" conversion)
Paper width		58mm (2.28"), 60mm (2.36"), 80mm (3.14")
Paper diameter		102mm (4") maximum
Power		24 VDC±7%
Power consumption		Approx. 1.7A (mean)
D.K.D. function		2 drivers
Reliability		
MTBF		360,000 hours
MCBF		70 million lines
Autocutter		2 million cuts
Overall dimensions		148(H) x 140(W) x 201(D)mm (5.8" x 5.5" x 7.9")
Mass		Approx. 1.8 kg (3.96 lbs)
Color	ECW, EDG	
<b>Control Board</b>	EMC standards	VCCI class A, FCC class A, CE marking, Canada EMI, AS/NZS 3548
	Power supply (option)	PS-170, PS-180
	Safety standards	UL, CSA, TÜV (EN60950)