

The first fully front operated POS printer: TM-T70

"Innovation is given the utmost priority at Epson so that we can provide the relevant solutions to meet today's market requirements. The compact TM-T70 POS printer – the first unit that is fully operated from the front – features an operating and maintenance friendly design", as the R & D department at the world's biggest manufacturer of POS printers claims.

The unique design, functionality and its speed of **170 mm/sec**, even when printing graphics, makes the TM-T70 an ideal solution with many application options – ranging from profitable checkouts right up to very busy fast-food chains.

Space saving thanks to integration

Absolutely user friendly and easy-to-use – this is our new Epson TM-T70. The first thermal POS receipt with the controls and output mounted at the front ensures fast and easy transactions as well as improved customer service in shops and the hospitality industry. This space-saving printer solution has been especially developed for use beneath the counter. The Epson TM-T70 has numerous user friendly features such as receipt output at the front, the well-proven 'drop-in' paper roll changing function, automatic receipt cutter and remote maintenance functions as well as easy access by the user.

A printing power of 52 million lines or 360,000 working hours gives the TM-T70 maximum reliability and this reduces printer related POS downtimes to a minimum.

The robust and flexible TM-T70 is distinguished by its excellent splash guard mounted on the top, an improved cable management system, a fully automatic status report function and a buzzer that can be fitted as an option.

A variety of interchangeable system interfaces (serial, parallel, Ethernet, wireless, USB 2.0 and powered USB) give it amazing flexibility and ensures that it is fit for future configurations.

New printer with the most up-to-date technology

The special focus on user friendliness linked with state of the art POS technology ensures a variety of integration options for use in existing POS applications as well as in the design of new POS applications.

The TM-T70 supports interconnections to OPOS and Java POS applications and this helps reduce the time needed for printer installations to the absolute minimum. Window's drivers can also be used to print from any Windows application.

The TM-T70 provides you with various options to ensure that you can always keep your eye on the running costs, no matter how hectic and stressful it is at the POS station:

1. Low-power mode

The printer can be switched over to power-saving mode in seconds via a DIP-switch. This saves both power as well as money.

2. Remote maintenance function

The "Maintenance counter" function monitors the running of the



The space-saving EPSON TM-T70



Optimum, space-saving integration



Open the lid – insert the roll – close the lid! Couldn't be easier!



Trouble-free integration with existing POS systems

unit. Therefore line-feeds, cuts and running time are all transparently displayed. This minimises maintenance costs and the amount of time needed for it.

3. Robust and ergonomic construction

The ergonomically designed case ensures that the printer can be integrated beneath the counter and fully operated from the front.

Thanks to the compactness of the TM-T70 it can be mounted so that it hangs beneath the POS counter as an alternative and this gives you more flexibility with your POS workstation lay-out.



TM-T70 product features

Your benefit

High-end POS thermal printer	Suitable for virtually any POS station; noise level is reduced for both customers and the staff
170 mm/s printing speed or 54 lps even when printing logos	Saves time during the payment process; reduces the amount of time the customer has to wait in the POS area
Built-in installation capability	Flexible installation in the frequently restricted area surrounding the POS thanks to integration in the POS table
Compact footprint, 12.5 x 19.5 cm	Saves space by the till and on the counter, that can better be used with a best selling line
Functional and smooth case	All of the printer's components can be accessed easily from the front and are easy to clean; always presents a clean image
Needle sharp graphic prints; clean text	Prints out excellent quality logos, special offers, coupons or vouchers
Horizontal and vertical 1D or 2D barcode printing	2-D barcodes (e.g. PDF417) expand the printer's application options to include warehousing, commissioning, pricing...
Extreme reliability MCBF: 52 million lines MTBF: 360,000 running hours	Robust and with a long working life; reduces printer related POS downtimes (profit loss) and this in turn increases the motivation of the POS staff; results in below-average operating costs (TCO)
Easy paper roll changes ("Drop in")	Saves time with no problems during the roll change as well as short user training times
Integrated paper cutter	Cleanly separated receipts ensure a positive image; increased reliability resulting from the reduction in paper dust
Integrated Auto-Status-Back function (ASB); Page mode	Makes software development and operating the POS system easy
Integrated maintenance counter	Easy monitoring of the running time functions such as: Number of cuts, number of running hours, number of line feeds, number of thermal bar pulses
Integrated "Low power" mode activated by a DIP-switch	The power saving mode reduces the printer's peak consumption and saves energy costs by slightly reducing the printing speed
Digit LOGO function	Makes printing of corporate logos, credit notes or presenting special offers with advertising appeal easy
Integrated buzzer	A buzzer, which is available as a factory fitted option, generates a perceptible acoustic tone after the receipt has been printed.
Improved cable management	The cables are hidden behind the cable cover which makes for a tidy POS working area.
The POS system interface is interchangeable	The printer can be used with all current POS configurations and this gives the user a high degree of flexibility; safeguards your investment
Free-of-charge OLE/POS - OCX driver software for all Windows OS	Save time and money during software development, i.e. increases the added value
ESC/POS operating system for EPSON POS printers	Compatible with all EPSON POS printers and systems; flexibility with regard to future enhancements to ESC/POS, which is the well-known code for POS printers
EPSON products	The assurance of a strong partner, experience, support, future security and world-wide service.

EPSON TM-T70 specifications

Print method	Thermo-direct 180 x 180 dpi
Font size	B: 9 x 17 A: 12 x 24
Characters per line at 79.5 mm	B: 56 A: 42
Character size (mm)	B: 0.99 x 2.40 A: 1.41 x 3.39
Character sets	95 alpha-numerical, 48 international characters, 128 x 11 character sets
Barcodes	UPC-A, UPC-E, JAN13 (EAN), JAN6 (EAN), CODE39, CODE93, CODE128, ITF, CODABAR, PDF417, QR code
Interfaces	<ul style="list-style-type: none"> • Choose from: RS-232, parallel, USB2.0, Ethernet, WLAN, powered USB • Cashdrawer • Power supply
Memory	Input memory: 45 byte or 4 KB (DIP-switch) User memory: 12 KB Bit image NV: 256 KB User NV: 1 KB
Printer speed	Standard: 170 mm/s Barcode printing: 100mm/s Low-power mode: 140 mm/s
Paper	Width: 79.5 mm +/-0.5 ; max. diameter: 83 mm
Auto-cutter	"Partial cut"
Current consumption	1.4A when running (average); 0.1A in stand-by mode
Power supply	PS-180 (option)
Reliability	MTBF: 360,000 hours; MCBF: 52 million lines Auto-cutter: 1.5 million cuts
Dimensions	W x D x H: 125 mm x 194 mm x 114 mm
Colour	Case available in "EPSON cool white" or "EPSON dark grey"
Weight	1.8 kg (without paper)
Fittings	<ul style="list-style-type: none"> • "Drop-in" front paper roll change process • Integrated 'Auto-Status-Back' function (ASB) • "Paper end" and "Paper near end" sensor • Remote maintenance counter • Low power mode
Included in the shipment	<ul style="list-style-type: none"> • On/Off switch cover • Sample paper roll • PS-180 power supply (standard)
Options	<ul style="list-style-type: none"> • DM-D customer display • Buzzer (factory fitted option) • Cable plug cover
Safety standards	CE symbol, EN55022 Class B, EN55024, EN60950