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TM-J7500/7600

Printing on prescription: the EPSON SEA-Jet® printers TM-J7500 and TM-J7600

Equipped with SEA-Jet® ink-jet technology and boasting a slip printing width of 135.6 millimetres, the youngest members of the family are particularly well suited to use in pharmacies shops—but also in every other branch of the retail industry where wide slips are required. The TM-J7500 and TM-J7600 not only produce slips of exceptional print quality, but also at high speed:
43 mm/s or 14,7 lines per second.

The new multistation printers from EPSON, like their older brothers the TM-J7000 and TM-J7100, combine cost-effective receipt and slip printing on ordinary paper with needle-sharp and lasting print quality. With 180 dpi resolution, they offer optimal legibility for the machine writing of prescriptions. This not only lightens the work load of medical health insurers, but also that of pharmacists. No need to worry about whether a prescription might not be clear enough any more—you can rely on the TM-J7500/7600. Even if the slip should get wet, its legibility is not in the slightest affected. That's because the specially developed ink dries in a jiffy and is absolutely smudgeproof. The housing width of the new POS printer is the same as that of the dot matrix printer EPSON TM-U950 chiefly in use up to now at pharmacies. Now, in the TM-J7500/7600, EPSON is offering a quieter and faster alternative. Thanks to the soft-as-a-whisper printing technology of the ink-jet series, the pharmacies atmosphere is quiet enough for conversation to remain confidential. The newcomers' speed also makes sure that customers are spared troublesome waiting time. On request, the slips can also be printed with the appropriate pharmacies logo using the DIGITAL LOGO function.

Cost-effective and user-friendly

When it comes to receipt printing, the two newcomers give the user all the benefits of the multistation printer series TM-J7000. While the TM-J7500 prints receipts in classic black, the TM-J7600 can also produce colour ones. Either red, green or blue can be selected as the additional colour to the obligatory black. The receipt reel can be set at one of four different widths and the tried and trusted "drop-in" technique ensures smooth reel changing. As for the ink cartridge, it only needs to be replaced at lengthy intervals since the large-volume cartridges hold enough ink to print up to 20 /15 million characters. This is roughly the capacity of six of the ribbons used in dot matrix printing. On top of this, the user can choose between two different print modi—a feature also of the TM-J7000. Depending upon the application, the alternatives are Fine and Economy. If the user opts for Economy mode, this cost-effective, ink-saving mode permits long time of medium-volume printing without a cartridge change. The printer's separate ink tanks also save extra money as each cartridge is used right down to the very last drop.

TM-J7600: brilliant 2-colour printing, silent, fast and waterproof results

2 large volume cartridges ensure long time and low cost printing

Open cover, drop in paper roll, close cover! That easy is the paper load for all TM-J

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Also—the clear advantage of receipt printing with ink-jet technology as compared with the use of thermal paper is that the ink-jet receipt on ordinary paper is absolutely light-fast and durable. This is extremely important to the end consumer if the receipts need to be kept for tax returns. After all—as the German "Gastgewerbe Magazin" reported in its October issue—tax offices are increasingly becoming tired of having faded slips submitted and may possibly not acknowledge them. A dot matrix printer may be a possible remedy, here, but is not really a satisfactory alternative due to its low printing speed and high noise level.

The receipt as a means of communication

Ink-jet technology also leads the field when it comes to printing colour receipts. Ink-jet printers produce colour receipts and slips in excellent print quality—and at low cost.

With its Colourful Solutions for Retail, EPSON is offering retailers new means of differentiation at the POS. Thanks to the colour highlighting of special notes, for instance, the receipt can also be used as a means of securing customer loyalty: as a trading stamp, a loyalty slip to collect or as an advertising medium for special promotions. This means that the retailer can cut out the cost of extra communication media, such as vouchers or flyers—and at the same time distinguish himself from his competitors with a truly innovative receipt. In conjunction with data mining, the customer can even be approached individually. The data saved on store cards supply the cash register system with the necessary information about the customer's buying behaviour and the products he or she prefers. Based on this information, the customer can be personally addressed with appropriate offers printed on the receipt.

With the new multistation printers, EPSON has added to its POS printer range a new specialist for all branches of the retail trade which have to print wide slips in top quality on a day-to-day basis and also attach importance to a calm atmosphere.

Detailed Information about SEA®-Jet Technology and its cost you can read under: **www.epson.de/en/rsd/news/index.1035.htm**

Advantages of SEA-Jet® Technology:

low cost	quiet	fast
dry at once	waterproof	light-fast
high resolution	brillant colours	environment friendly

Also in „EPSON dark grey" a save investment

Increase your revenue with highlighted special offers, coupons and discounts

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Features of TM-J7500/7600   Your Benefit

Feature	Benefit
Receipt and wide slip printing in a compact housing	Flexible and versatile; can be used in almost any type of store or branch
Inkjet technology at the POS	Combines inexpensive printing costs on plain paper with top printing quality without the need for expensive thermal paper. Prints large volumes really cheaply
Selectable paper width	Ensures flexibility and saves the investment for the future
High print speed	Time-saving check-out procedure at the POS that reduces waiting time for the customer
Low noise level	Ensures a pleasant atmosphere in the check-out area
Long preservation of the print	Receipt will not fade, not even in sunlight, important for tax purposes
Excellent print quality	A cleanly printed receipt contributes towards the positive way the company presents itself
2 colour printing (TM-J7600)	To print logos, tempting special offers, promotion and even vouchers that get themselves noticed; harder to forge
Fine/Economy print modes	Choice between high quality printing mode or low-cost, ink-saving economy mode, depending on application
Large volume ink cartridge; separated by colour	Up to 20 Mio black characters at TM-J7500 and 15 Mio. at TM-J7600 ensure printing for months with one cartridge, all colour inks are used completely and changed only when empty
Special quick-drying ink	The ink does not smudge when the paper is removed
Razor sharp barcode print	Horizontal and vertical printing of barcodes in high resolution quality; avoids miss-reads
Barcode print incl. 2-D-codes like PDF-417	Barcodes and 2D-barcodes extend the field of applications of the printer e.g. Warehouse, Commissioning, Marking
Smooth, well-designed housing	The printer creates a high-class impression, even in refined shop layouts, and is easy to clean
The power supply can be mounted under the Printers housing	Saves space and avoids cable knods
Drop-in paper roll replacement for receipt printing	Saves time at the POS and eliminates errors when changing the paper roll. Shorter training period for cashier
Digital LOGO function	For easier printing of company logos or presenting special offers effectively on the receipt
Remote diagnosis function	Supports diagnosis, maintenance and service of the printer, gives additional statistic information of POS-systems
Integrated paper cutter	Clear partial cut receipts make a positive appearance; high reliability by avoiding paper jam
Built-in drawer kick out interface to connect up to two drawers	Saves an additional interface for the cash drawer within a system; Two drawers make handling of different currencies easy
Available with parallel, serial, USB- or Ethernet interface	The printer can be easily adapted to any current or future system configuration
Excellent MTBF- and MCBF-values	The high reliability results in a low error ratio and avoids failures of cash systems due to printer problems
Available in two colours	Fits to most of the actual types of registers
Supports the well known ESC/POS code for POS-printers	Ensures compatibility with all EPSON POS-printers and peripherals; offers flexibility for future expansions
Free-of-charge OLE/POS - OCX printer software for Windows	OCX printer software for application development support reduces the time period for application development
An EPSON product	The performance of a strong partner, wide experience and support, compatibility to all EPSON peripherals

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Technical data EPSON TM-J7500/7600

Printing method	SEA-Jet® Inkjet, bi-directional				
Resolution	180 x 180 dpi, Barcode print: 180 x 180 dpi				
Print fonts	Font A: 12 x 24, Standard Font B: 9 x 17, Standard Font A: 11 x 24, Small Font Setting Font B: 8 x 17, Small Font Setting				
Barcodes	UPC-A, UPC-E, EAN13 (JAN13), EAN8 (JAN8), CODE39, ITF, CODABAR (NW7), CODE93, CODE128, PDF417				
Character Height	Font A: 1,41 mm x 3,38 mm Font B: 0,99 mm x 2,40 mm				
Characters Sets	95 alphanumeric, 37 international, 128 x 11 Graphic				
Characters / line Receipt (mm)	Paper width:	57,5,	69,5,	76,	82,5
	with Print width:	50,8,	61,	67,7,	72,2
	Font A: Standard	30,	36,	40,	42
	Font B: Standard	40,	48,	53,	56
	Font A: Small Font	32,	39,	43,	46
	Font B: Small Font	45,	54,	60,	64
Characters / line Slip TM-J7500/7600	with Print width:	135,6			
	Font A: Standard	80			
	Font B: Standard	106			
	Font A: Small Font	87			
	Font B: Small Font	120			
Printing Speed	Paper width: Normal:	57,5	69,5	76	82,5
	Font A (lps)	7,4	6,7	6,3	6,0
	Font B (lps)	10,7	9,5	8,9	8,6
	Graphics (mm/s)	32	29	27	26
	High speed/economy:				
	Font A (lps)	11,6	10,5	10,1	9,7
	Font B (lps)	16,4	15,0	14,3	13,8
	Graphics (mm/s)	50	45	43	41
Paper size Receipt	Normal paper, width 57,5 / 69,5 / 76 / 82,5 mm ⌀ max: 83 mm Spool: 10mm or more Paper thickness: 0.06-0.09mm				
Paper size Slip	Size: 68-230 mm (W) x 68-297 mm (L) Min. size: 68 x 152 mm Paper thickness: 0.09-0.2mm				

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Interfaces	RS-232 or bi-directional parallel (UB-P02II) optional: RS-485, USB, Ethernet 2 Drawers Customer Display (EPSON DM-D) Power Supply PS-180
Receive Buffer	4 KB
User defined Buff.	12 KB for user defined characters and bitmaps
NV memory	384 KB for NV-Graphics
Ink cartridge	black SJIC8 (for TM-J7500) black SJIC6(K), red SJIC7®, blue SJIC7(B), green SJIC7(G) (for TM-J7600)
Capacity	SJIC8 Black: approx. 20 mio. characters SJIC6&7 Colour: approx. 15 mio. characters divided over both colours
Life	Approx. 2 years
Standard features	• Auto cutter (partial cut) • Interface • Drop-in paper change • Power switch • Power switch cover • Frame to mount the PS-180 under the housing • 2 Paper sensors • 2 Ink sensors
Options	• EPSON DM-D Customer Display • Colour EPSON dark grey
Power consumption	Printing: 1 A with PS-180 Stand-by: 50 mA
Cash drawer	Up to 2 drawers can be connected
Reliability	MTBF: 180,000 Hours., MCBF: 50 mio. lines
Dimensions	W = 251 mm, H = 188 mm, D = 237 mm
Weight	Ca. 4,9 Kg
EMI Standard	EN55022, EN55024
Safety	CE-mark, TÜV (EN60950)

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