High-speed at the POS: the Epson TM-H6000III

The amount of printing taking place at the POS is not only growing but also becoming more sophisticated. This is why EPSON is constantly working to further develop its products.

At 63 lines (200 mm) per second, the TM-H6000III prints receipts even faster than its predecessor, the TM-H6000II. The new model offers two-colour, razor-sharp thermal printing in 180-dpi resolution, which makes it particularly suitable for graphics and logos. With the new hybrid printer, special offers and corporate logos can be ideally positioned as eyecatchers on the receipts. A digital logo memory of up to 384 KB plus a user memory of 12 + 3 KB take care of speed here. When it comes to slip printing, the TM-6000III also produces outstanding quality at top speed: 5.7 lines per second thanks to a bidirectional printing head.

Fast and reliable thermal and impact printout

Easy to use and reliable for a host of requirements

Time is money and long queues are not a sign of good service. Customers set great store by smooth processing at the POS, which is why, in the TM-H6000III, changing of both the paper role and the printing ribbon are as simple as can be. Shop staff can change the paper using the tried and trusted "drop-in" method and only a minimum of effort is involved in replacing the ribbon. In addition, the printer reports automatically to the cash register system via the automatic status-back function as soon as there is a change in the printer status. When the paper role for receipts is coming to an end, the near-end and end sensor reports this immediately to the cash register system, thus ensuring that a new paper role can be inserted in good time. Moreover, the TM-H6000III has an integrated autocutter which cuts off every receipt precisely.

The „drop-in" paperload is a childs play

The TM-H6000III works quickly and reliably to satisfy a wide range of requirements. This is something the new hybrid printer also proves, for example, when it prints cheques. The cheque runs through the printer once, in a so-called "single pass", so that there is no time-consuming turning of paper when double-sided printing is needed. In addition to this, the TM-H6000III provides the option of recognising the magnetic number code from the cheque (MICR).

An elegant appearance in „dark grey" as well

Concentrated competence in an elegant package

Yet it is not only in the printing of receipts and slips that the TM-H6000III proves its versatility. Thanks to the many interfaces available, integration of the printer into virtually any cash register environment poses absolutely no problems. And if the cash register configuration should change, the interface can be changed, say, from serial to USB or Ethernet **-** making the investment an undeniably safe one.

Every centimetre counts at the cash desk, which is why the shelf space of the TM-H6000III measures just 18.6 x 29.8 cm **-** less than a sheet of A4 paper. The housing is obtainable either in EPSON "dark grey" or EPSON "cool white". The functional elegance of this compact cash register printer helps to make customers feel they are getting a competent, all-round service. After all, the TM-H6000III is a true sprinter when it comes to professionalism.

The customer display can be fixed under the bottom of the TM-H6000III

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Features of TM-H6000III

Your Benefit

Combined thermal and impact printer in a small housing	Saves space and gives flexibility; can be used for many branches and applications
2-colour printing	Colour makes special offers better visable; coupons and logos can be highlighted
Excellent print quality	A cleanly printed receipt contributes towards the positive way the company presents itself
Functional and smooth housing	All components of the printer are easy to reach and to clean
Printing speed up to 200 mm/s or 63 lps even for graphic printing	Saves time at POS during the cash procedure; avoids customer queues in the cash zone; fast print of sharp bar-codes and logos
Barcode-printing incl. 2-D-codes like PDF-417	Barcodes and 2D-barcodes can be used for coupons, stock or logistic applications
Thermal print technology, silent impact slip printer	Quiet printing for a convenient atmosphere in the cash zone; Printer can also be used in high-class shops; avoids disturbing the staff and the customers at POS
Prints multipart (1+3) credit and authorisation slips up to A4 size	Offers the use of all standard POS-slip formats with up to 3 copies
Easy drop-in paper loading and change of ribbon cassette	Time saving at the POS and error-free change of roll paper as well as a short training period of the cashier staff
Variable paperwidth of 80 or 58 mm by using option PG-58	High flexibility; can save money when slim paperwidth is used
Digital LOGO function with 2 MB memory	Easy support when it comes to use logos or to present special offers of trade in an advertising effective form
Auto-status-back function	The printer gives valuable information about status of paper roll, slip insertion and others; reduces programming time and costs
Integrated paper cutter	The sharp cut adds to the clean image of receipt paper; avoids dust from receipt paper and increases the reliability
MICR and/or endorse print function (options)	Quick and easy processing of cheque payments; Single pass printing of both sides of the cheque
Interface can be exchanged	Gives flexibility for applications of the future; printer can be used for many branches; saves the investment
Remote diagnosis function	Supports diagnosis, maintenance and service of the printer, gives additional statistic information of POS-systems
Excellent MTBF and MCBF values	The high reliability results in a low error ratio and avoids failures of cash systems due to printer problems; leads to low TCO
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
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-H6000III

Print method	Receipt: thermal line, 2-colour receipt print depending on thermal paper Slip: 9-Pin impact dot matrix;
Print font Font B/A	Receipt: 9x17 / 12x24 dots Slip: 5x9 / 7x9 dots
Column capacity	Receipt: 56 / 42 cpl Slip: 60 / 45 cpl
Character size	Receipt: 0.99(W) x 2.4(H) / 1.41(W) x 3.39(H) Slip: 1.56W) x 3.1(H) / 1.24(W) x 3.1(H)
Character sets	95 alphanumeric, 37 international ch., 128 x 11 character sets Barcode: UPC-A, UPC-E, JAN13 (EAN), JAN8 (EAN), CODE39, CODE93, CODE128, ITF, CODABAR, PDF417
Characters per Inch font B/A	Receipt: 20 CPI / 15 CPI Slip: 13.3 CPI / 17.8 CPI
Interface	• Optional: RS-232, RS-485, bi-directional parallel, USB, Ethernet • Cash drawer • Customer display (only with serial interface) • Power supply: PS-180
Receive Buffer	4 KB or 45 bytes
User def. Buffer	Receipt: 12 KB, Slip: 3KB
Digital LOGO	**2 MB**
Macro Buffer	2 KB
Print speed	**Receipt: up to 63 lps (200 mm/s.); 2-colour print: 78 mm/s Slip: 5,7 lps**
Paper Dimensions mm	Receipt: 79.5 +/-0.5, 58 mm (option), max. Ø 83 mm Slip: 68(W) x 152(H) to 230(W) x 297(H)
Paper Thickness mm	Receipt: 0.06 to 0.07 Slip: 0.09 to 0.2 (max. thickness 0.31 mm)
Autocutter	Integrated "Partial cut" (one point left)
Sensors	Paper near end, paper end, cover open
Copy capability	Slip: one original and 3 copies
Ribbon Slip print	ERC-32
Ribbon Endorse print	ERC-41
Power	24 VDC +/- 10%
Power supply (Option)	PS-180
Consumption	Receipt: ca. 1.8 A Slip: ca. 1.7 A, Stand-by ca. 0,2 A
Reliability MTBF	Receipt: 360 000 h, Slip: 180 000 h
Reliability MCBF	**Receipt: 72 mio. lines, Slip: 29 mio. lines**
Overall dimensions mm	186(W) x 298(D) x 185(H)
Weight	**5.3 kg**
EMI standard	CE mark, EN55022 Klasse B, EN55024
Safety standards	EN 60950
Options	• MICR • Endorse print • PG-58, paperguide for 58 mm paper width • DM-D customer display for TM-H6000III

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