High speed printer in hybrid technology TM-H5000II

With the TM-H5000II EPSON offers an exeptional fast combined thermal and impact printer that includes many significant improvements. Combining high-speed thermal receipt printing (resolution: 180 dpi) with A4 impact slip printing, the TM-H5000II delivers a receipt printing speed of 28.4 lps (lines per second).

This means that it will have particular appeal to those who require one-time printing on clean receipts, while the product's advanced graphics capability, together with the ability to print multipart (original + four copies) credit and authorisation slips up to A4 size, means that it will also be of particular interest to those looking, for example, to customize sales slips, or to support promotional campaigns through the use of advertising.

Reliable and flexible

Together with very low noise levels and a barcode printing ability, an optional MICR (Magnetic Ink Character Recognition) facility for fast cheque printing, the device offers a level of performance and flexibility which will be of significant interest across a wide range of retail environments.

Other features of the product which are likely to be of considerable interest in the current retail environment are a digital logo function for fast recall of graphics, high-speed bitmap printing and a particularly easy (drop-in) paper load procedure. The product also offers exeptional levels of reliability (receipt: 52 million lines MCBF; slip: 29 million lines) and autocutter life (1.5 million cuts).

Designed to allow fast, easy maintenance, the TM-H5000II has an exceptionally robust build-quality featuring a metal chassis, a space saving pass-through display pole option and an optional fast parallel, USB or Ethernet interface. Like all EPSON TM-printers it also comes with a standard cash drawer kick-out driver (DKD) function.

Designed to offer superior performance, reliability and flexibility, every model in the TM-series of mini-printers supports the industry-standards ESC/POS and OLE for POS which simplifies software development for system integrators and provides high levels of flexibility and an easy upgrade path for users.

Fast receipt and slip printing in a compact housing

The table extension WT-5000 helps to handle slip insertion

DM-D customer displays can be mounted space saving on the printer housing

EPSON®

Features of TM-H5000II

Your Benefit

Combined thermal and impact printer in a small housing	Saves space and gives flexibility; can be used for many branches and applications
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
Integrated DM-D fixing pole	Saves space and hides cabeling to customer display
Printing speed up to 120 mm/s or 37 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
Razor sharp Barcode-printing	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+4) credit and authorisation slips up to A4 size	Offers the use of all standard POS-slip formats with up to 4 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
Digital LOGO function	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 function (option)	Quick and easy processing of cheque payments
Interface can be exchanged	Gives flexibility for applications of the future; printer can be used for many branches; saves the investment
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
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

EPSON®

Technical data EPSON TM-H5000II

Print method	Receipt: thermal line 180 dpi Slip: 9-Pin impact dot matrix;
Print font Font B/A	Receipt: 9x17 / 12x24 dots Slip: 5x9 / 7x9 / 9x9 dots
Column capacity	Receipt: 56 / 42 cpl (28 / 21 = double hight double width) Slip: 66 / 88 cpl
Character size	Receipt: 0.99(W) x 2.4(H) / 1.41(W) x 3.39(H) Slip: 1.3(W) x 3.1(H) / 1.6(W) x 3.1(H)
Printing width	Receipt: 72.2 Slip: 135.6
Character sets	95 alphanumeric, 32 international ch., 128 x 11 character sets Barcode: UPC-A, UPC-E, JAN13 (EAN), JAN8 (EAN), CODE39, CODE93, CODE128, ITF, CODABAR
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	384 KB
Macro Buffer	2 KB
Print speed	Receipt: 37,7 lps (120 mm/s.) Slip: 311/233 characters/s.
Paper Dimensions mm	Receipt: 79.5 +/-0.5, max. Ø 83 mm Slip: 70(W) x 70(H) to 210(W) x 297(H)
Paper Thickness mm	Receipt: 0.06 to 0.07 Slip: 0.09 to 0.2 (max. thickness 0.36 mm)
Autocutter	Integrated "Partial cut" (one point left)
Sensors	Paper near end, paper end, TOF, BOF, cover open
Copy capability	Slip: one original and 4 copies
Ribbon Slip print	ERC-31
Power supply (Option)	PS-180
Consumption	Receipt: ca. 1.7 A Slip: ca. 1.9 A, Stand-by ca. 0,3 A
Reliability MTBF	Receipt: 360 000 h, Slip: 180 000 h
Reliability MCBF	Receipt: 52 mio. lines, Slip: 29 mio. lines
Overall dimensions mm	252(W) x 331(D) x 201(H)
Weight	6.5 kg
EMI standard	CE mark, EN55022 Klasse B, EN55024
Safety standards	EN 60950
Options	• MICR • Table extension WT-5000 • DM-D customer display

EPSON