The smart kitchen helper from EPSON: the TM-U230 dot matrix printer

The compact dot matrix printer was specially designed for the tough conditions in restaurant and large catering kitchens. Resistant to steam and dirt, the TM-U230 guarantees perfect hygiene.

The new kitchen helper from EPSON copes effortlessly with conditions that often have cooks hot and bothered. Neither steaming cooking pots nor fat-spraying frying pans can harm the TM-U230. With its dirt- and water-resistant case, it is always at service, even under the toughest working conditions. It's not even a problem if any water should ever make its way into the case —through the paper exit, for instance. The intrusive liquid simply flows out again via a built-in drain channel system.

A neat idea, small and hygienic

The smooth, flat surface of the compact kitchen printer is easily wiped down. The case's special protective coating ensures that even splashes of oil or sauce as well as greasy kitchen smears can be removed without a lot of effort. You can be sure that nothing stays stuck. And there is no danger of undesirable bacteria lodging on the special surface of the printer. Thus, the new TM-U230 meets the highest hygiene standards, something which is indispensable in a kitchen.

Small and compact, the TM-U230 can easily and quickly be set up in any kitchen—and set up exactly where it is needed. There's no need to create space for it, the printer can simply be installed vertically or horizontally on worktops or simply by hanging it on the wall with help of wall mounting kit WH-10.

Modern technology and high efficiency

Expanding the POS area right into the kitchen, offers numerous benefits to gastronomy managers. Special order-entry systems make it possible to pass customers' orders straight into the kitchen where the receipts are taken right out of the printer along with the order. The individual receipts can be printed in two colours and cut automatically to the desired size ready for use. And when you notice the stock of paper is nearly used up, it's easy to insert a new paper roll in a jiffy. Equipped with the very latest EPSON technology, the EPSON kitchen printer TM-U230 is fast and reliable. Thanks to an optionally integrated USB or Ethernet interface, it can be effortlessly hooked up to any POS network.

This makes the TM-U230 a genuine help in any kitchen. It keeps everything clearly organised in the hectic workings of a kitchen, makes light work for the staff, is robust and saves hungry stom-achs unnecessary waiting time.

Der TM-U230 with antibacterial coating...

.... with attached power supply...

...and in dark grey.

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Features of TM-U230   Your Benefit

Feature	Benefit
Especially designed printer for the kitchen environment	This unique printer meets exactly the requirements of the dirty and dusty hospitality environment
Can be used horizontally, vertically or wall mounted	Gives highest flexibility in the often small kitchen
Special surface of the housing (incl. the power supply)	Easy to clean, meets the highest hygiene standards, water/liquid protected
Compact power supply that can be fixed on the printer	Two positions to fix the power supply reduce cabling and avoids accidents
Acoustic signal for attention	No orders can be ignored
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
Clean printing even in 2-colour mode (7x9 or 9x9 dots)	Gives a professional image to the customer and good readability
Print speed up to 6,4/3,5 LPS at 16/40 cpl	Saves time at POS during the cash procedure; avoids customer queues in the cash zone
Excellent reliability and low price	TCO are very low
Interface can be exchanged	Gives flexibility for applications of the future; printer can be used for many branches; saves the investment
Auto-status-back function	The printer gives valuable information about status of paper roll, cover and others; reduces programming time and costs
Integrated paper cutter	The sharp cut adds to the clean image of receipt paper; increases reliability because paper dust is avoided
Excellent MTBF and MCBF values	The high reliability results in a low error ratio and avoids failures of cash systems due to printer problems
Built-in drawer kickout 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
Supports ESC/POS operating system; the well known 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-U230

Printing method	Dot matrix
Print font	7x9, 9x9
Column capacity	7x9: 42/40, 9x9: 35/33 cpl
Character size	1.2(W) x 3.1(H) / 1.6(W) x 3.1(H)
Characters per Inch	16/14.5
Character sets	95 alphanumeric, 37 international, 128 x 8 tables
Interfaces	• RS-232, RS-485, parallel (UB-P02II), Ethernet, or USB • Cashdrawer • Power supply
Buffer/Memory	Receive buffer: 1 KB or 16 KB (DIP-switch)
Print speed	6,4 lps (16 cpl), 3,5 lps (40 cpl)
Paper	Width: 76 mm +/-0.5; max. diameter: 83 mm
Inked ribbon	ERC-38, black, black/red
Autocutter	Partial cut
Power consumption	1 A printing, 90 mA stand-by mode
Power supply	PS-180 (option)
Cashdrawer	Up to two drawers can be addressed
Reliability	MTBF: 180.000 hrs. MCBF: 18 million lines Autocutter: 1 million cuts
Dimensions and weight	Without PS: 166 mm (W) x 168 mm (D) x 260 mm (H) , 2,6 Kg With PS: 166 mm (W) x 168 mm (D) x 301 mm (H) , 2,8 Kg
Colour	„EPSON cool white" antibacterial coating
Weight	2,8 kg
Features included	• Autocutter • „Drop-in" paper load • Auto-Status-Back-function (ASB) • Paper „Near end"-Sensor, justierbar • „Paper end"-sensor
Options	• Power supply • Wall-hanging bracket WH-10 • DM-D customer display via UB-S09
EMI standard	CE mark, EN55022 Class B, EN55024
Safety	EN60950

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