

9-pin, serial dot

# TM-U230



## **Water resistant and easy to clean**

With a water-resistant case and a unique drain channel, the TM-U230 is a perfect addition to any busy kitchen. Its flat surface makes it easy to wipe clean, while a fine coating makes it possible to remove oils, sauces, and other kitchen stains.

## **Flexible and versatile**

Install the TM-U230 wherever you want: vertically (paper exit at the front), horizontally (paper exit on top), or hanging on the wall (bracket optional).

And with Ethernet and USB available as options, you can be sure that the TM-U230 will fit into any kitchen network. Ethernet capability allows this unique kitchen printer to be connected to a large network or an Order Entry System.

# A New Dirt-Resistant Kitchen Printer

Print method	9-pin, serial impact dot matrix
Print font	Font 7 x 9 / 9 x 9 Column capacity (columns) 40 / 42 or 33 / 35 Character size (mm) 1.2 (W) x 3.1 (H) / 1.6 (W) x 3.1 (H) Character set 95 Alphanumeric, 37 International, 128 x 8 Graphic Traditional / Simple Chinese, Characters per inch 16 or 17.8 cpi, 13.3 or 14.5 cpi
Interfaces	RS-232, Bi-directional parallel, Dealer option: RS-485, USB, 10 Base-T I/F
Data buffer	1 KB / 16 KB
Print speed	3.5 lps (at 40 columns, 16 cpi) 6.4 lps (at 16 columns, 16 cpi)
Paper	Dimensions (mm) Roll paper: 76.0 ± 0.5 (W) x dia. 83.0 Thickness (mm) 0.06 to 0.085
Copy capability	One original
Inked ribbon	ERC-38 (Purple, Black, Black / Red)
Ribbon life	Purple: 4 x 10 <sup>6</sup> characters, Black: 3 x 10 <sup>6</sup> characters B / R: 15 x 10 <sup>5</sup> characters (Black), 75 x 10 <sup>4</sup> characters (Red)
Power	24 VDC ± 5%
Power consumption	Approx. 43 W
D.K.D.function	2 drivers
Reliability	MTBF: 18 x 10 <sup>4</sup> hours MCBF: 18 x 10 <sup>6</sup> lines
Overall dimensions (mm)	166 (W) x 168 (D) x 259.5 (H)
Mass (Approx.)	2.7 kg
EMC standards	VCCI class A, FCC class A, CE marking, AS / NZS 3548 class B
Power supply	Power supply built-in model / Power supply separate model
Factory options	WH-10
Safety standards	UL / CSA / TÜV (EN60950)

