

# EPSON<sup>®</sup> TM-U230



*Robust printer designed for the demanding kitchen environment*

- Spill proof design
- Bacteria resistant coating
- Easy to clean for an hygienic environment
- Buzzer to alert printing in progress
- Versatile installation options
- Ethernet and USB network connectivity

# EPSON TM-U230

## Robust printer designed for the demanding kitchen environment.

Epson's durable TM-U230 impact printer is the perfect addition to any kitchen environment. The high performance, two-colour printer is unaffected by steam, grease or spillages, thanks to a water-resistant case with a coated, anti-bacterial surface which allows stains and grime to be effortlessly wiped away.

The TM-U230 is designed for use as part of a kitchen ordering system. In addition to standard serial and parallel interfaces, the product supports both USB and Ethernet, allowing remote connection to a point of sale terminal in the restaurant area. All printers are fitted with a buzzer to alert busy kitchen staff to incoming order information. It also fits easily into any kitchen, and can be installed horizontally and vertically, as well as wall-mounted, out of harm's way.



## Specifications

### 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

### Interface

- RS-232, Bi-directional parallel, Ethernet
- Optional: RS-485, USB

### Data Buffer

- 1 KB / 16KB

### Print Speed

- Character 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)

### Autocutter

- Standard (partial cut)

### Ribbon Life

- Purple: 4 x 10<sup>6</sup> characters,  
Black: 3 x 10<sup>6</sup> characters,  
Black / Red: 15 x 10<sup>5</sup> characters (Black),  
75 x 10<sup>4</sup> characters (Red)

### Power

- 24 VDC ± 5%

### Power consumption

- Operating average 38W
- Standby average 3W

### 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)

### Weight

- Approx. 2.7kg

### EMC Standards

- VCCI class A, FCC class A, CE marking,  
AS / NZS 3548 class B, EN 55022 class B,  
EN 55024

### Power supply

- Power supply built-in model
- Power supply separate model

### Factory option

- WH-10

### Safety Standards

- UL / CSA / TÜV (EN60950)

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