

9-pin, serial dot

# TM-U220 Series



## High Cost-Performance Printers

### The TM-U220 — The New Industrywide Standard in Printing

The TM-U220 is the easy to use yet powerful successor to the TM-U210, whose ease-of-use and reliability have made it an overwhelming favorite around the world.

### Outstanding Compatibility

The TM-U220 printers are designed to be compatible with existing systems built around a TM-U210. These systems can be upgraded simply by dropping in a TM-U220. Moreover, since the external dimensions are nearly identical, there is no need to change the installation environment. The transition to the new model is as smooth as can be.



### Easy Operation

Free busy operators from troublesome roll paper and ribbon cassette replacement. The TM-U220 makes these chores a snap. Simply pop the cover, drop in the paper or ribbon, shut the cover. You're back in business.



### Higher Printing Speed

A full 30% faster than its predecessors, the TM-U220 printers provide high-efficiency throughput. Retailers can hand receipts to customers faster. Restaurant kitchens can receive orders quickly.

### Superior Versatility

The versatile TM-U220 suits a wide range of needs and applications. Each type is powerful, yet compact enough to fit in confined spaces. The wall-mountable Type B frees up valuable counter space in kitchens and other tight locations. Moreover, both Type B and Type D handle your choice of 58, 69, or 76 mm width roll paper.

MODEL	Item	Standard device / unit	Applications	Appearance
Type A		Take up / Automatic cutter	Receipt & Journal / Printer	
Type B		Automatic cutter	Kitchen Receipt / ticket	
Type D			Receipt	



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 12 Graphic Traditional / Simplified Chinese, Thai, Japanese, Korean Characters per inch 17.8 / 16 cpi or 14.5 / 13.3 cpi
Interfaces	RS-232, Bi-directional parallel, Dealer option: USB, 10 Base-T I/F
Data buffer	4 KB or 40 bytes
Print speed	4.7 ips (at 40 columns, 16 cpi), 6.0 ips (at 30 columns, 16 cpi)
Paper	Roll paper: 57.5 ± 0.5, 69.5 ± 0.5, 76.0 ± 0.5, (W) x dia. 83.0 Thickness 0.06 to 0.085
Copy capability	One original and one copy
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>6</sup> characters (Black) / 75 x 10 <sup>6</sup> characters (Red)
Power	AC adapter (included)
Power consumption	24W
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)	Type A: 160 (W) x 286 (D) x 157.5 (H) Type B: 160 (W) x 248 (D) x 138.5 (H) Type D: 160 (W) x 248 (D) x 138.5 (H)
Mass (Approx.)	Type A: 2.7 kg, Type B: 2.5 kg, Type D: 2.3 kg
EMC standards	VCCI class A, FCC class A, CE marking, AS / NZS 3548 class B
Power supply	Exclusive AC adapter (included)
Factory options	Near-end sensor
Option	Wall-hanging bracket WH-10
Safety standards	UL / CSA / TUV (EN60950)

### Environmentally Conscious

This product meets EPSON ecology label compliance standards and has following major features.

1. Low energy consumption (25 % lower during operation, 60 % lower during standby than TM-U210)
2. Reduced labor for disassembly by reducing the number of parts

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