

Slip  
Printer

# TMU590 Printer

High performance and multifunction.  
The TMU-590 is the ideal slip printer for versatile  
slip / check / invoice applications.



#### Original Letter Size Slip Capability for Versatile Applications

Prints slips up to 88 columns (using 7 × 9 fonts/half dots). Because the 590 supports a wide range of sales slip, check, and invoice applications thanks to the ability to handle an original and up to four copies, it is especially suited to hotel, bank, and restaurant applications.

#### User-friendly

The 590 is designed with paper handling in mind. Not only is paper easy to load, but paper jams can be removed smoothly and easily. In addition, with the standard extension table, even large slips load and feed smoothly.

#### Fast Printing, 311 cps

offers a printing speed of 311 characters per second by using bi-directional logic seeking printing. Quick issuance is the important customer service.

#### Superb Reliability

world-renowned quality and reliability are reflected in every component and mechanism of the ensuring products unsurpassed in performance and dependability.

#### ESC/POS®

Moreover, high expandability and easy upgradability ensure efficient use of existing software assets.

#### NT and IT Series Connectivity

can be used with intelligent modules, saving space and offering a broad range of application choices for your business.

# TMU-590 Printer

## 590 Specifications

<b>Print Method</b>	9-pin, serial impact dot matrix
<b>Print Font</b>	7 × 9 / 9 × 9
Column capacity	88 / 66 columns
Character size	1.3 × 3.1 mm (W × H) / 1.6 × 3.1 mm (W × H) {0.05 × 0.12" / 0.06 × 0.12"}
Character set	95 Alphanumeric, 32 International, 128 × 10 Graphic Multilingual model supports: Japanese, Chinese, or Taiwanese Kanji or Thai characters
Characters per 25.4 mm	16.7 cpi / 12.5 cpi
<b>Print Speed</b>	311 / 233 cps
<b>Data Buffer</b>	4 KB or 69 bytes
<b>Interfaces</b>	RS-232C / Bi-directional parallel / RS-485 / USB / Connect-It™*
<b>Paper Dimensions</b>	70 to 210 × 70 to 297 mm (W × L) {2.76 to 8.27 × 2.76 to 11.69"}
<b>Paper Thickness</b>	0.09 to 0.36 mm {0.0035 to 0.0142"}
<b>Copy Capability</b>	One original and four copies
<b>Inked Ribbon</b>	ERC-31 (purple)
<b>Power</b>	24 VDC ± 10%
<b>Current Consumption</b>	Approx. 1.9A (at 24 VDC)
<b>D.K.D. Function</b>	2 drivers
<b>Reliability</b>	MTBF 180,000 hours MCBF 29,000,000 lines
<b>Overall Dimensions</b>	252 × 266 × 185 mm (W × D × H) {9.9 × 10.5 × 7.3"}
<b>Mass</b>	Approx. 5 kg {11.0 lb}
<b>EMI Standards</b>	VCCI class A, FCC class A, CE marking
<b>Safety Standards</b>	UL, CSA

Inch values are approximate.

cpi: characters per 25.4 mm (characters per inch)

cps: characters per second



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