



M5900R*Ve*



The Direct Thermal Printing Expert – SATO's M5900R*Ve*

The MR5900R*Ve* offers direct thermal printing exclusively. Without the need for carbon ribbon, money and installation time are saved, ensuring economical printing. With a robust design and an enhanced processor, the M5900R*Ve* is ideal for industrial use, where speed, quality and durability are demanded.

- ✓ **Direct thermal print**
- ✓ **Industrial durability**
- ✓ **High speed throughput**
- ✓ **Powerful memory**
- ✓ **Windows® compatible**

Enhanced – Offering high speed data transmission and unrivalled processing power, the M5900R*Ve* printers will handle your label designs with speed and ease. Whether text, bar codes or graphics, quality printing is assured.

Robust – A robust construction, designed for industrial environments, makes the M5900R*Ve* ideal in countless surroundings, including logistics, production, warehousing and retail.

Effortless – Designed with the operator in mind, the easily readable LCD display provides clear indications of printer status.

Easy Connectivity – With a wide range of standard plug-in interfaces to choose from, the M5900R*Ve* can be connected to almost any system.

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Printing Method	Direct Thermal
Print Resolution	8 dots/mm (203 dpi)
Print Speed	Up to 150mm/sec (6 ips)
Max. Print Width	112mm (4.4")
Max. Print Length	1249mm (49")
Media Size	Min: 37mm (1.45") W x 25mm (1") L With liner: 40mm (1.6") W x 28mm (1.1") L Max: 128mm (5") W x 356mm (14") L With liner: 131mm (5.1") W x 359mm (14.1") L
Dimensions	261mm W x 322mm D x 285mm H (10.3" W x 12.6" D x 11.2" H)
Weight	10.3 kg (22.7 lbs)

Memory:

- 18 MB Standard with RAM storage for special characters
- 4 MB Flash Memory Module (option)
- 16 MB PCMCIA (option)

Processor:

- 32-BIT RISC, 118 Mhz

Media:

- Top or Semi-coated Die-cut Labels; Tag Stock and Fan Fold Stock
- Max. Caliper: 0.25mm (0.01")
- Max. Roll Diameter: 150mm (5.9")
- Inner Diameter of Core: 40/76.2mm (1.5"/3")

Sensing:

Reflective sensor (I-mark)
See-through sensor (Gap)

Barcode Symbolologies:

- **Linear:** EAN-8, EAN-13, UPC-A, UPC-E, Bookland, ITF, Code 39, UCC/EAN128, Code 93, Code 128, Industrial 2/ 5, Matrix 2/5, Postnet
- **2-Dimensional:** PDF 417, Micro PDF 417, QR Code, Maxicode, Data Matrix, VeriCode, RSS-14

Modular Interface Options:

- ECP parallel – IEEE1284
- RS232C high speed (9,600 - 57,600 baud)
- USB (12Mbit/s)
- LAN (TCP/IP protocol 10/100 BaseT)
- RS422/485
- LAN 802.11b wireless

Bar Code:

- 2:1, 3:1, 5:2 ratio and programmable height

Human Readable Fonts:

12 proportional, mono-spaced and outline fonts. Internal CG Triumvirate® and CG Times® fonts plus downloaded True Type® fonts. (Code page 858, others available)

Flexibility:

0°, 90°, 180°, 270° rotation of characters

Self Diagnosis Check Features:

Head Check, Paper End, Head Open, Memory Card Error, Test Print

AC Power:

- 115V / 230V AC (±10%)

Environmental:

- **Operating:** 5°C - 40°C (41°F - 104°F)
20% - 80% RH, non-condensing
- **Storage:** -5° to 60°C (23°F to 140°F)
20% - 90% RH, non-condensing

Approvals:

CE, TÜV, UL, (CUL), FCC Class B

Options:

Label Cutter, Label Dispenser, Unwinder, Rewinder, PCMCIA Memory Expansion, Flash ROM Memory Expansion, Real Time Clock, SMART Keyboard

Sales Support

If you would like to discuss your needs in more detail or arrange a demonstration, please contact our sales team:

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SATO makes no guarantee that the above features are available in all models and specifications are liable to change without notice.