



M5900Rve

The Direct Thermal Printing Expert - SATO's M5900Rve

The M5900Rve 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 the enhanced processor, the M5900Rve is ideal for industrial use, where speed, quality and durability are demanded.

- ✓ *Direct Thermal*
- ✓ *Industrial Durability*
- ✓ *High Speed Throughput!*
- ✓ *Multilingual Display*
- ✓ *Powerful Memory*
- ✓ *Windows® Compatible*

Enhanced - Offering high-speed data transmission and unrivalled processing power, the M5900Rve printers will handle your label designs with speed and ease. Whether text, barcodes or graphics, quality printing is assured.

Robust - A robust construction, designed for industrial surroundings, makes the M5900Rve ideal in countless surroundings, from logistics, production, warehousing to retail.

Flexible - Compatible with Windows®, users have the choice of printing from any Windows® based applications, using the SATO SBPL programming language or printing from a label design software program.

Effortless - Designed with the operator in mind, the easily readable LCD display is available in a selection of languages.

Easy Connectivity - With a wide range of standard plug-in interfaces to choose from, the M5900Rve connects to almost every system.



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Printing Method	Direct Thermal
Print Resolution	8 dots/mm (203 dpi)
Print Speed	Up to 150 mm/sec (6 ips)
Max. Print Width	112 mm (4.4")
Max. Print Length	1249 mm (49")
Media Size	Min. 37 mm (1,45") W x 25 mm (1") L with liner 40mm (1,6") W x 28 mm (1.1") L Max. 128 mm (5") Wx 356 mm (14") L with liner: 131 mm (5.1") W x 359 mm (14.1") L
Dimensions	261mm W x 322 mm D x 285 mm 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 - Opt.
16 MB PCMCIA-Opt.

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: 150 mm (5.9")
Inner Diameter of Core: 40/76.2mm (1.5"/3")
Wind: Face-In

Sensing:

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

Modular Interfaces:

- ECP Parallel - IEEE1284
- Centronics parallel
- RS232C (2400-19,200 Baud)
- RS232C highspeed (9,600-57,600 baud)
- USB (12Mbit/s)
- LAN (TCP/IP protocol 10/100BaseT)
- Twinax/Coax
- RS422/485
- Wireless LAN 802.11b

Barcode Symbolologies:

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

Barcode:

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

Human Readable Fonts:

112 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:

AC 115V / 230V (±10%)

Environmental:

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