



M-5900RV COMPARISON



The M-5900RV uses the latest RISC processor technology to significantly improve throughput and imaging response time. The new M-5900RV is in a class by itself, it is not a thermal transfer printer with their ribbon mechanism removed, but designed from the start for industrial direct thermal applications.

- **Fast Processing Speed**
- **Heavy Metal Cabinetry**
- **Designed for Direct Thermal Printing**
- **Field installable Plug-In Interfaces**
- **Long Life Print Head**

	SATO M-5900RV	DATAMAX Allegro2	DATAMAX Datamax XL	ELTRON Eclipse	PRINTRONIX T3204
LIST PRICE	\$1495	\$1395	\$1695	\$1395	\$2395
PRINT FEATURE					
METHOD	DT	DT	DT	DT	DT
RESOLUTION	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
SPEED	Up to 5 ips	Up to 3 ips	Up to 6 ips	Up to 4 ips	Up to 10 ips
PRINT WIDTH (MAX)	4.4" (112 mm)	4.1" (104 mm)	4.1" (104 mm)	4.1" (104 mm)	4.1" (104 mm)
PRINT LENGTH (MAX)	14" (330 mm)	8" (203 mm)	99" (2515 mm)	11" (279 mm)	9" (584 mm)
MEMORY					
RAM	2 MB DRAM	256K DRAM	4 MB DRAM	256K SRAM	1 MB
NV MEMORY	1 MB EPROM	512K EPROM	4 MB ROM	512K Flash	
CPU	32 BIT RISC		32 BIT		32 BIT
MEDIA					
ROLL O.D.	6" (152 mm)	8" (203 mm)	8" (203 mm)	7.9" (200 mm)	8" (203 mm)
STANDARD SENSOR	Transmissive & Reflective	Transmissive & Reflective	Transmissive & Reflective	Transmissive & Reflective	Transmissive & Reflective
INTERFACE					
PARALLEL	Centronics ⁽¹⁾		Centronics	Centronics	
SERIAL	RS232C ⁽¹⁾ (Up to 19.2K bps)	RS232/422 (Up to 9.6K bps)	RS232 (Up to 38.4K bps)	RS232C (Up to 19.2K bps)	RS232/422 (Up to 19.2K bps)
OPTIONAL I/F	RS422/485 ⁽¹⁾ USB ⁽¹⁾ Ethernet ⁽¹⁾ Twinax/Coax ⁽¹⁾	Parallel Adapter	RS422	Twinax	Centronics Parallel Twinax/Coax
OTHER FEATURE					
2-D SYMBOLOGIES	Yes	N/A	Yes	Yes	Yes
LCD	Yes	N/A	N/A	N/A	Yes
CABINETY	Metal	Plastic	Plastic	Metal	Metal
NOTES	Print Head Warranty: 2 Years or 2 Million Linear Inches				
OPTIONS					
CUTTER	Option	Option	Option	Option	Option
DISPENSER	Option	Option	Standard	Option	Option

⁽¹⁾Plug-In I/F Module. Only one may be installed

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