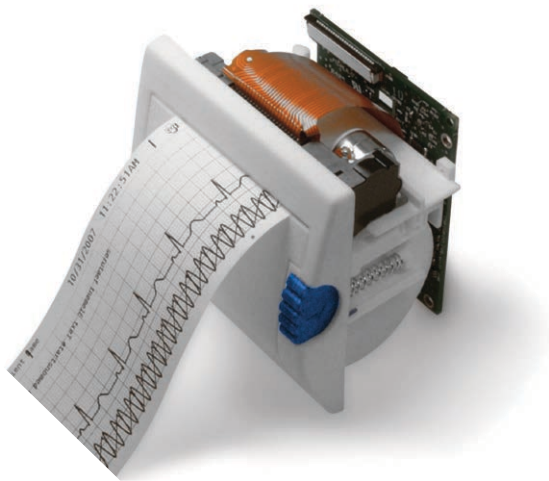


MR-50 Thermal Printer



The new MR-50 printer is our latest printer from our next generation of cost-effective printer products. This versatile printer is significantly lighter and smaller than other 2-inch products currently available. We have reduced the depth of the MR-50 printer, while keeping the easy mounting construction of our 50 mm products. The new MR-50 accepts a roll of paper that is 50 mm (2 1/4") wide and up to 50 mm (2") in diameter with the same easy-load feature that is so popular among users.

This printer also boasts lower power consumption making it optimal for today's portable applications.

The MR-50 communicates through a serial interface (USB or Logic Level) at 921,600 bits per second. In recorder mode, it can print up to four simultaneous real-time wave forms along with background grid, text and graphics.

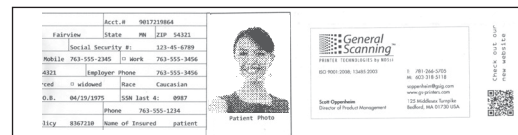


JADAK[®]
visionary thinking

Key Specifications

- The industry's standard 50 mm architecture
- Environmentally tight construction
- General Scanning's smallest and lightest printer to date
- Downloadable font option for multilingual applications
- PC-Based MR-50 development kit available to accelerate design cycle

The MR-50 is designed for easy integration into the host instrument to help reduce development costs and time-to-market. A complete development kit including software, paper, cables, manuals, and a PC interface board is available.



Flexibility and Efficiency

The MR-50 can transition seamlessly from printing patient information, graphics, and waveforms, to 1D/2D barcodes.

Patient Information



The MR-50 has 2 built-in font sizes and 6 character sets and can rotate the characters 90, 180, or 270 degrees with a real-time annotation of 20 lines.

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Graphical Identification The MR-50 boasts a 200 dots per 25mm resolution capable of printing images or logos.

Recorder Information

The MR-50 can print 1 – 4 traces while simultaneously printing a background grid.



Technical Specifications



Product Specifications	
Interface Type:	Serial — 921.6K bits/second
Input Voltage:	Print Supply +7.2 Vdc (nominal) Logic Supply +3.3 Vdc
Input Power:	10 W Typical 46 W Max.
Overall Dimensions:	81.8 mm W x 83.5 mm H x 61 mm D (3.220" W x 3.286" H x 2.403" D)
Weight:	0.12 kg (0.25 lbs.)
Case Colors:	Light Gray or User-Defined
Paper Type:	Roll (50 mm Wide)
Paper Capacity:	30 meters (100 feet) 50 mm Diameter
Output	
Printing Method:	Direct Thermal
Print Resolution:	200 dots per 25 mm
Overlapping Traces:	1 - 4 Traces
Trace Options:	Scaling, Sample Rate, Offset, Appearance
Real Time Annotation:	20 Lines (Memory Dependent)
Text Mode:	Characters Can Rotate 90°, 180° or 270°
Fonts:	8 Point and 10 Point Fonts
Character Sets:	6 Sets Available
Chart Speed Range:	1 mm/sec - 50 mm/sec
Sensors & Protection	
Sensors:	Door Open, Paper Out, Print head Temperature
Printhead Protection:	Pulse Width, Voltage, Temperature Monitoring and Wear Equalizer
Static Protection:	Built-In Antistatic Devices

Specifications are subject to change. Contact JADAK for details.

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01-29-18

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