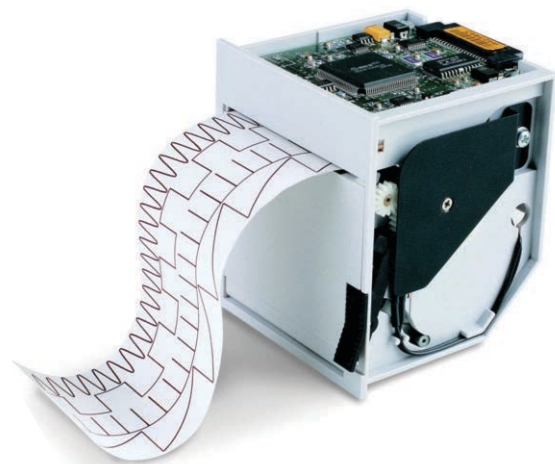


XE-50 Thermal Printer

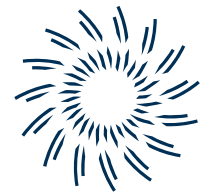


The XE-50 printer has set the standard for market leading OEMs implementing a small, light, reliable, and cost-effective 50 mm printer. We have reduced the depth and overall size of the XE-50 while keeping the easy mounting construction of the previous generation. The XE-50 accepts a 100 foot paper roll (50 mm diameter) with the same easy-load feature that is so popular among users.

The XE-50 offers all of the industry demanding features including trending speeds down to 50 mm per hour and two font sizes. Other features include warning messages to notify the user of undesirable conditions, preventing error situations. In addition, the XE-50 printer allows less host processor overhead than previous models.

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

The XE-50 communicates through a serial interface (USB or logic level) at up to 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.



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visionary thinking

Key Specifications

- The industry's standard 50 mm architecture
- Environmentally tight construction
- Downloadable font option for multilingual applications
- PC-Based XE-50 development kit available to accelerate design cycle

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

Patient Information



The XE-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 XE-50 boasts a 200 dots per 25mm resolution in graphics mode capable of printing images or logos.

Recorder Information

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



Technical Specifications



Product Specifications	
Interface Type:	Serial — up to 921.6K bits/second
Input Voltage:	Print Supply +12 Vdc (nominal) Logic Supply +5 Vdc
Input Power:	8 W Typical 37 W Max.
Overall Dimensions:	67 mm W x 80 mm H x 73 mm D (2.64" W x 3.13" H x 2.88" D)
Weight:	0.195 kg (0.4 lbs.)
Case Colors:	Light Gray or User-Defined
Paper Type:	Roll (50 mm Wide)
Paper Capacity:	100 feet (50 mm Diameter)
Output	
Printing Method:	Direct Thermal
Print Resolution:	600 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:	7 Point and 10 Point Fonts
Character Sets:	6 Sets Available
Chart Speed Range:	50 mm/hr - 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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