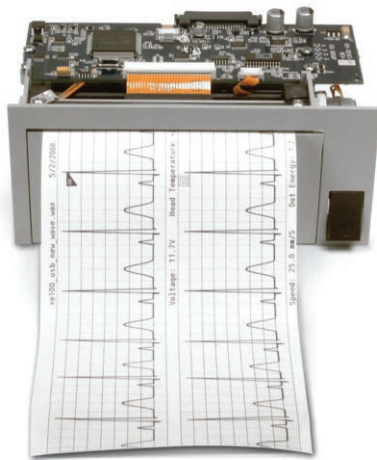


XE-100 Thermal Printer

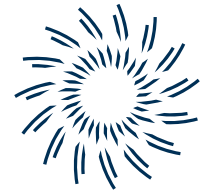


The XE-100 thermal printer was designed to meet the needs of today's equipment designer. Shorter development cycles, reduced development budgets, and the imperative to lower costs make the XE-100, economical yet flexible.

With an updated host interface and a substantially reduced footprint compared to its predecessors, the XE-100 printer prints high quality output with concurrent overlapping waveforms, and real-time annotation. Waveform-smoothing algorithms are built into its internal software. Background grids can be printed simultaneously from standard or user-defined options.

X-axis resolution up to 600 dpi ensures clean, unambiguous traces for quick, positive reading. High quality text is generated from 6 built-in character sets. Bit mapped graphics can also be printed simultaneously with waveforms and grids. Finally, a user downloadable font version is also available to accommodate the growing world market.

The XE-100 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 six simultaneous real-time wave forms along with background grid, text, and graphics.



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visionary thinking

Key Specifications

- Small, light, fully modular construction
- Prints 6 overlapping traces, with up to 20 lines of real-time annotation in 4 orientations
- Proprietary waveform-smoothing software
- Chart Speed, 1 mm/sec – 50 mm/sec
- Easy load paper mechanism
- 6 built in character sets
- Serial or USB compatible interface

The XE-100 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-100 can transition seamlessly from printing patient information, graphics, and waveforms, to 1D/2D barcodes.

Patient Information



The XE-100 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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45	<input type="checkbox"/> Work	763-555-3456	
yer Phone	763-555-3456		
Race	Caucasian		
SSN last 4:	0987		

Graphical Identification The XE-100 boasts a 200 dots per 25mm resolution in graphics mode capable of printing images or logos.

Recorder Information

The XE-100 can print 6 traces while simultaneously printing a background grid.



Technical Specifications



Product Specifications	
Interface Type:	Serial or USB Compatible
Input Voltage:	Print Supply +12 Vdc or +24Vdc Logic Supply +5 Vdc
Input Power:	20 W Typical 90 W Max.
Overall Dimensions:	156 mm W x 70 mm H x 69 mm D (6.139" W x 2.753" H x 2.708" D)
Weight:	0.36 kg (0.80 lbs.)
Case Colors:	Light Gray or User-Defined
Paper Type:	Roll (100 mm Wide)
Paper Capacity:	73 Feet (22 meters), 2.8" (71 mm) Diameter
Output	
Printing Method:	Direct Thermal
Print Resolution:	600 dots per 25 mm
Overlapping Traces:	6 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:	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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ISO

ISO 9001 : 2008
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