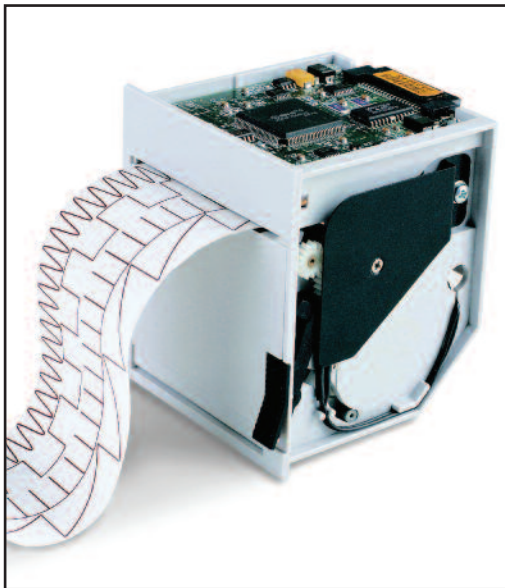


XE-50 Thermal Printer



Key Specifications

- Smallest and lightest 50 mm printer to date
- Environmentally tight construction
- Downloadable font option for multilingual applications
- PC-Based XE-50 development kit available to accelerate design cycle

The new XE-50 printer is our latest 50 mm 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 and overall size of the XE-50 printer, while keeping the easy mounting construction of the previous generation. The new XE-50 accepts the 100 foot paper roll (50 mm diameter) with the same easy-load feature that is so popular among users.

The XE-50 offers many new features including trending speeds down to 50 mm per hour and two fonts sizes. Other new features include warning messages to notify the user of undesirable conditions, preventing error conditions. In addition, the new 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 at 115,200 bits per second. In recorder mode, it can print up to four simultaneous real-time wave forms along with background grid, text and graphics.

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.

Technical Specifications:



Product Specifications	
Interface Type:	Serial — 115.2K 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, Printhead Temperature
Printhead Protection:	Pulse Width, Voltage, Temperature Monitoring and WearEqualizer
Static Protection:	Built-In Antistatic Devices

Specifications are subject to change. Consult GSI Thermal Printers for details.

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