

CORD-X

Dual-Channel Electronic Chart Recorder

Dual Analog Inputs

The CORD-X is capable of simultaneously monitoring and recording DC or AC voltages on two electrically isolated input channels. Input ranges are user-configurable from 8 mV to 200 Volts.

Real-Time Readings

The CORD-X can monitor and display input voltages in real time, and can also be configured to download this information in real time to a portable computer.

Programmable Dual-Mode Chart Recording

The CORD-X can be configured to perform standard or anomalous chart recordings. In the *standard chart-recording mode*, the CORD-X can be programmed to record voltage information according to a user-defined schedule. In the *anomalous chart-recording mode*, the unit monitors input voltages and begins recording only when voltages step out of user-defined limits. Recording rates are configurable from 35 readings per second to 1 reading per day.

Large Memory Capacity

The CORD-X's 512K of RAM allows it to store up to 170,000 readings. This memory capacity is sufficient for 20 days of chart recording, on 1 channel, at a rate of 1 reading per 10 seconds.

Chart Recording Synchronization with Multiple CORD-X Units

The CORD-X allows the user to synchronize the chart recordings of two or more units.



Convenient Size and Design

The CORD-X is the smallest dual-channel programmable chart recorder available, and has been designed to fit inside the 2-inch conduits that are often used in test stations.

Dimensions: 4.8 cm × 13.2 cm × 4.1 cm
(1.9 in. × 5.2 in. × 1.6 in.)

Weight: 165 g (5.8 oz.)

Environment Proof

The CORD-X is completely sealed, and has been designed to operate in the most hostile environments.

Auto-Off

After 2 minutes of inactivity (15 minutes when the unit is performing real-time data transfer), the CORD-X automatically shuts itself off to conserve battery power.



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CORD-GRAPH Software

The CORD-GRAPH Software is supplied free of charge with the CORD-X, and has the following main characteristics:

- ◆ Windows[®] 3.11, Windows[®] 95, and Windows NT[®] compatible
- ◆ Friendly and intuitive user interface, complies with Windows standards
- ◆ WYSIWYG printed output
- ◆ Adjusts automatically to the CORD-X data file to minimize the user input
- ◆ Superimpose two data files to enable you to compare different surveys
- ◆ Graphs all or any part of a data file to allow you to concentrate on specific data
- ◆ Wide range of zooming capabilities using the mouse or keyboard
- ◆ Print titles, notes, and comments with your data
- ◆ Save your favorite layouts and reuse them for other projects
- ◆ Reverse the Y-axis and all or any part of the X-axis data
- ◆ Adjustable potential line marks data that is outside the desired criteria
- ◆ Show the potential and/or the delta potential at the cursor
- ◆ Statistical features allow you to highlight the maximum, minimum, average, etc.
- ◆ Analysis tools allow you to see data distribution

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