**Series 700 Instrument Options and Accessories**

**DC Power Input Option; Suffix 12D1**
Adding the suffix 12D1 to any Series 700 instrument specifies it for DC power operation; not AC line operation. All specifications remain unchanged except for input power. Instrument input power becomes 10 to 15VDC at 15 Watts, maximum. Option 12D1 includes a power line filter, 2 Ampere fuse with spare, power switch and binding posts for power input. The figure below illustrates the rear panel of a Model 7XX-12D1 Instrument.

![Instrument Panel with DC Power Option](image)

**Panel Mounting; Suffix R**
An R suffix 700 instrument is equipped with mounting ears, as shown. It can be installed/removed from the panel front or rear when the panel is cutout as illustrated. Nuts are needed for rear panel mounting.

![Required Panel Cutout](image)

**S. HIMMELSTEIN AND COMPANY**
2490 Pembroke Ave., Hoffman Estates, IL 60195 • USA • Tel: 847/843-3300 • Fax: 847/843-8488

© 2000 S. Himmelstein & Company www.himmelstein.com
**Series 700 Instrument Options and Accessories, continued**

**Interface Software For Windows-based PC; Model M700**

This software permits the user to perform the following functions from a Windows-based PC.

1. Perform all setup and calibration operations.
2. Remotely control the Instrument.
3. Store Instrument setup/configuration on disk.
4. Download any stored Instrument setup/configuration.
5. Remotely emulate the Instrument keyboard and remotely view its display.

6. Display real-time plots (3 channels maximum) with flexible, user adjustable signal suppression.
7. Store real-time data, in ASCII format, for off-line analysis with user or third party software.
8. View a snap-shot of Instrument configuration and calibration values on a channel by channel basis.

M700 software comes complete with a 10 foot RS232 cable. Several representative windows follow.

![Signal Conditioner Channel Setup Screen](image1)

![Strain Gage Calibration Screen](image2)

![System Settings Screen](image3)

![M700 Real-time Plot Screen With Numeric Display, Limit And I/O Status. Actual Screen Data (Traces, Numbers, Status) Are Color Coded for Clarity](image4)