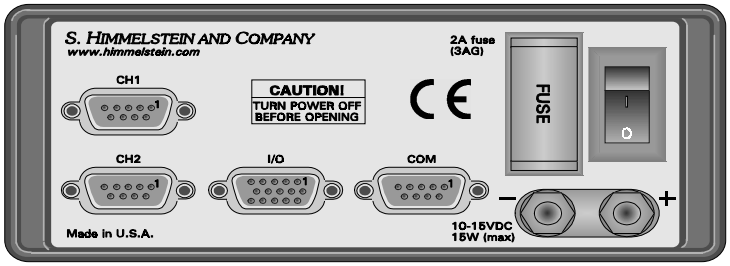
Series 700 Instrument Options and Accessories

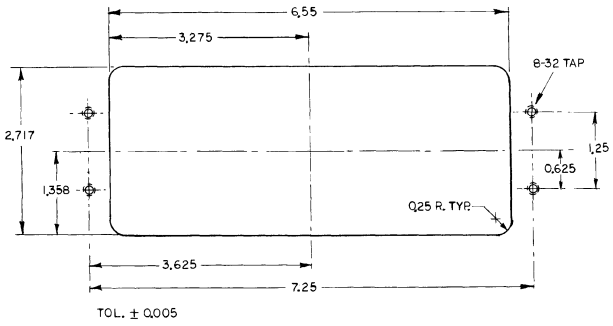
DC Power Input Option; Suffix 12D1

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.

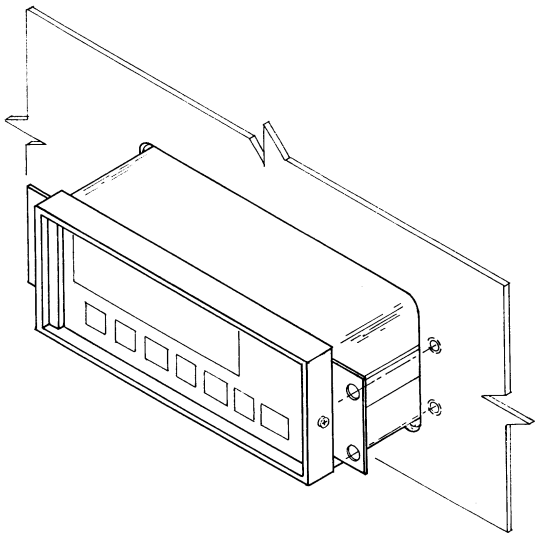


Panel Mounting; Suffix R

An R suffix 700 Instrument is equipped with mounting ears, as shown. It can be installed/removed from the panel front or rear <u>when the panel is cutout as illustrated</u>. Nuts are needed for rear panel mounting.



Required Panel Cutout



Instrument Mounted From Panel Front (Mounting From Panel Rear Is Not Shown)

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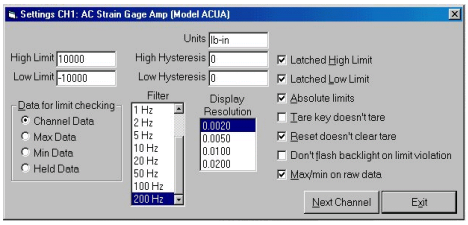
Series 700 Instrument Options and Accessories, continued

Interface Software For Windows-based PC; Model M700

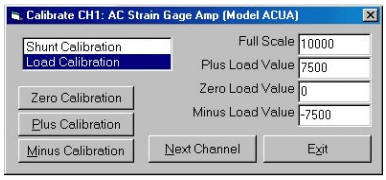
This software permits the user to perform the following functions from a Windows-based PC.

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.

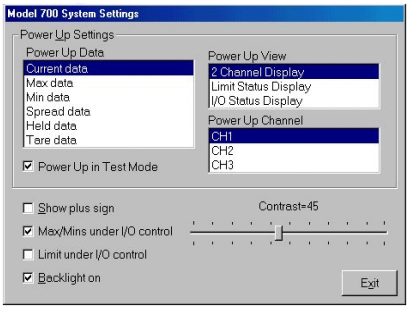
M700 software comes complete with a 10 foot RS232 cable. Several representative windows follow.



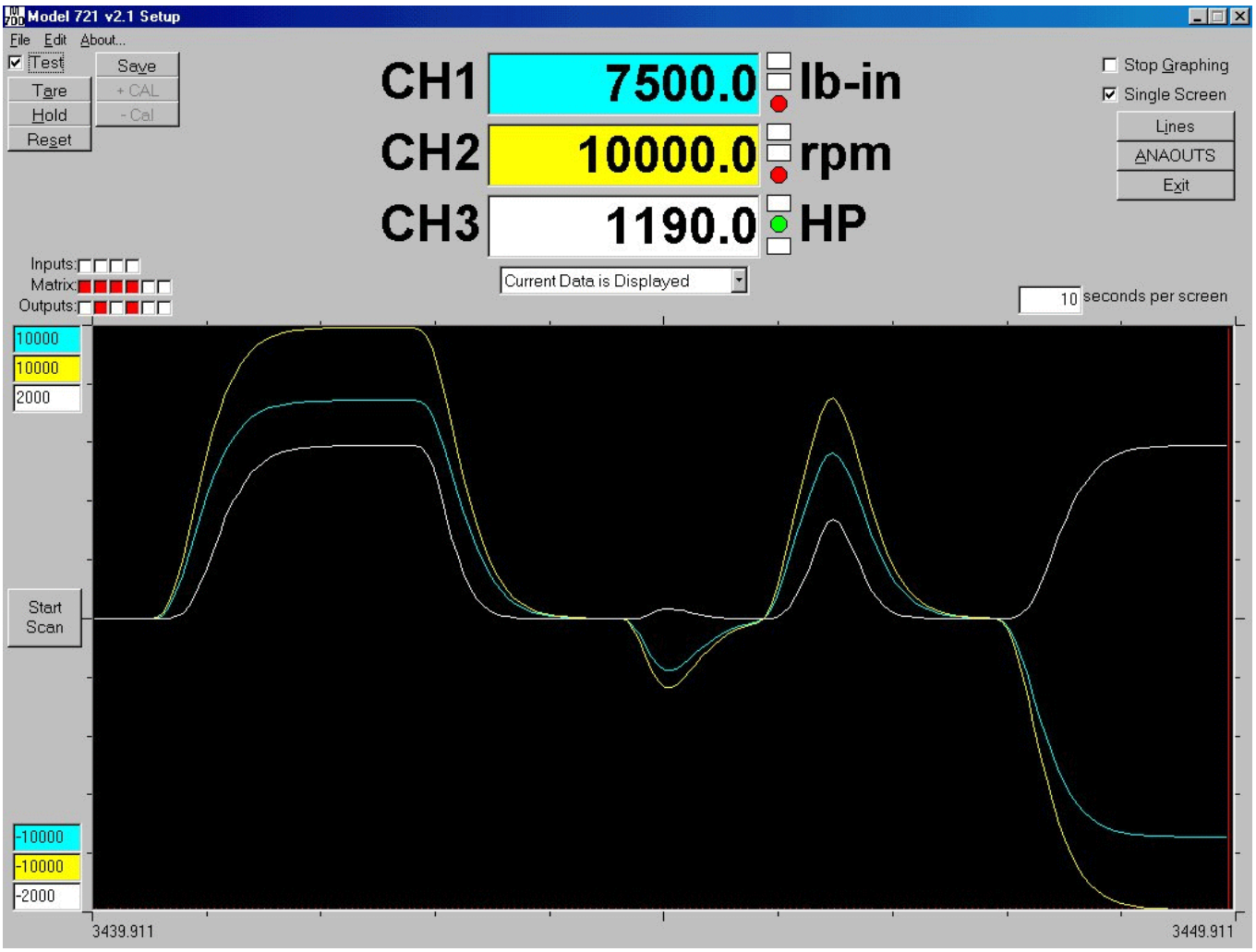
Signal Conditioner Channel Setup Screen



Strain Gage Calibration Screen



System Settings Screen



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