



Pragati Electrocom Pvt. Ltd.

DATA LOGGER

System Data Logger shall incorporate all the features required for precision strain measurement under variety of loading conditions while maintaining flexibility and ease of use. Strain gauge, strain gauge based transducers, thermocouples, LVDT's, potentiometers, accelerometers, piezoelectric sensors shall be intermixed by the system and easily configured for each test requirement. Data logger shall simultaneous scan and record of all channels (above 10000 samples/second for each channel). Data shall be exportable in ASCII format to other user specific programs for analysis. Assignment of all input channels shall be sensors specific. System data logger shall have Window based software with facility for on-line monitoring of selected channels in fully reduced and corrected numeric or graphic formats. Off-line presentation of all stored data in numeric or graphic format. On-line help, automatic audit trail of all performed functions with date and time, alarm on over limit conditions. Remote control operation, it shall communicate by standard TCP/IP protocols over both local area networks and the Internet for setup, test control and data downloads. It shall be compact size to carry to the site and mount on the test vehicle or fixture. System shall be used on vehicles and fixture subjected to rough condition during test. It shall acquire and store data without being connected to a computer.

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