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LR TECHNOLOGIES

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DVC Vibration Controller



- **Four Channels**
- **Swept Sine**
- **Random**
- **Classical Shock**
- **Built-in Current Source**

With more than forty years experience in the vibration industry, we have gained a reputation as a leader in the design and manufacture of electrodynamic vibration testing equipment known for:

- **High Reliability**
- **Ease of Use**
- **Reasonable Pricing**

The DVC-4 provides a PC-based four channel vibration control solution that is as easy to install as to operate. The DVC-4 circuitry is contained in an external box that interfaces with your computer through a single PCI I/O card. The friendly Windows interface simplifies the task of inputting your profile and makes operating your shaker a snap. With the DVC-4 your PC is effortlessly transformed into a virtual instrument that displays panel functions on screen in a familiar format that is accessible to experienced lab techs as well as to new users.

- **Computer Requirements:** Pentium 70 or better with VGA display, 16 Mb ram , 6 Mb of hard disk space and one free PCI slot. A Pentium 166 and 32 Mb ram recommended.
- **Power Requirements:** Powered by computer bus, < 10 W required.
- **Size:** Controller Box- 1.5" H x 7.25" W x 15" D, PCI card- 4.5" x 4.5".
- **Connection:** Via DB-37 connectors and cable from computer to controller box and BNC connectors to signals. Optional remote control connections via 6 pin Molex connector.
- On-line manual in Help screen
- Operation by mouse or keyboard
- Parameters of the test profile (or sweep) and system response are displayed for convenient test monitoring
- Test profiles and test results can be stored, and hard copies can be printed
- Incorporates constant current source for accelerometers with built-in charge converter
- English and metric units selection
- Selectable abort limits protect the test item
- Demo mode for training use

The digital package is programmed for Windows and will operate any vibration system. The package includes: Controller box with PCI I/O card and connecting DB-37 cable and installation software.