Standard Vibration Test System

Features

Standard Vibration

Test System

- Tailored for designers with small size and low energy cons•u mption.
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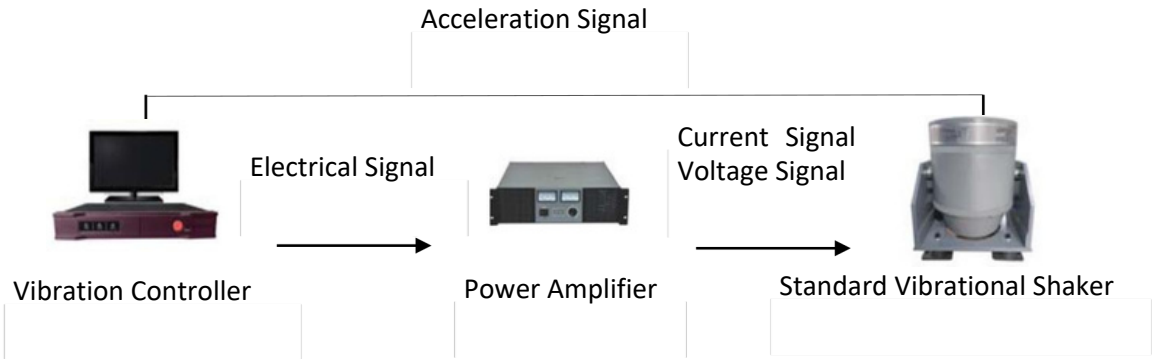
- Versatile applications including vibration resistance and fatigue tests.
- Two categories: Permanent Magnet Type (TSM) and Field Coil Type (TSF).
- TSM utilizes permanent magnets, while TSF relies on field coils for magnetic field generation.

Standard Vibration Test System

The Standard series vibration test system offers tailored solutions for designers, featuring a small footprint, compact design, minimal energy consumption, straightforward installation, operation, and portability, making it ideal for educational, research, and laboratory settings. It is extensively employed for conducting vibration resistance, fatigue, and mechanical impedance tests on small-scale components. This series is divided into two categories: the Permanent Magnet Type (TSM) and the Field Coil Type (TSF), distinguished by their respective exciting sources. The primary difference lies in how they generate the magnetic field environment: TSM utilizes a permanent magnet component to establish a stable magnetic field, while TSF employs field coils to energize and create the magnetic field. Vibration or shock motion is generated by the shaker in response to an amplified drive signal that originates at the controller. The accelerometer will provide the collected signal to the controller for real-time correction, and send back to the power amplifier.



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