

Electromagnetic Shaker

Model ES020

The ES020 Electromagnetic Shaker is a 20 N permanent magnet vibration exciter used for driving structures in dynamic sound and vibration experiments. The shaker is manufactured to strict standards of quality for accurate experimental measurements.

Applications

- Standard instrument for structural vibration experiments
- Dynamic structural simulations
- Fatigue testing of parts
- Accelerometer and other sensor calibration

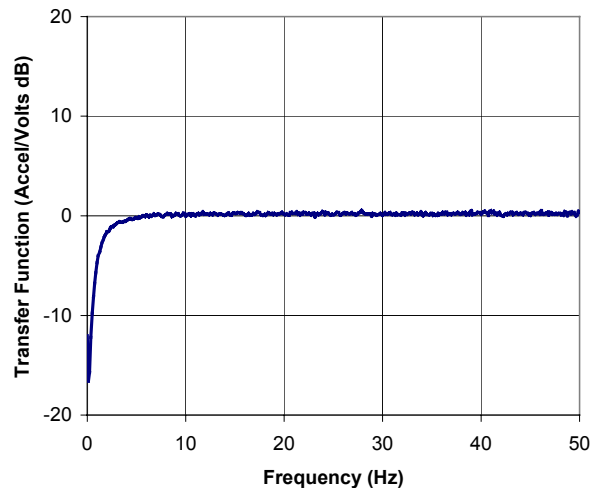


Features

- Designed to protect shaker from current overload*
 - * If used with KCF PA5100 Signal Generator / Power Amplifier
- Displacement limiting device
- Frequency range 3 Hz to 25 kHz
- Mounting Base included as standard equipment

Specifications

| | |
|---------------------------------------|--|
| Size: | 100 x 110 x 110 mm |
| Max Dynamic Force (N): | 20 |
| Max Acceleration (m/s ²): | 160 |
| Max Current (A): | 2.5 |
| Frequency Range (Hz): | 3 – 25,000 |
| Max Displacement (mm): | +/- 3 |
| Impedance (Ω): | 3.5 |
| Mounting Screw: | Model ES020 #10-32 Model ES020-M #M-5 |



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