

Air-cooled Vibration Test System

Features

Air-cooled Vibration Test System

- Superior performance ensured with upper and lower guidance structures and optimized armature.
- Optimized magnetic circuit design reduces flux leakage, enhances efficiency.
- Multi-interlock protection ensures safety for system and specimens, while maintaining force equivalence.



Air-cooled Vibration Test system

The air-cooled series electro- dynamic vibration test system offers a force range of 1kN to 70kN, featuring high operational frequency, reliability, and ease of use. It is commonly used in electronic components, automotive parts, aerospace, medical devices, and small to medium-scale tests. The system employs upper and lower guidance structures for superior performance and anti- eccentric moment. The optimized armature ensures light mass, high vibration resistance, and stiffness with a high first resonance frequency.

Magnetic circuit design is optimized for increased utilization and reduced flux leakage. Random exciting force is equivalent to sine exciting force, and multi-interlock protection ensures system and specimen safety.

Air-cooled Series Models

TS1-150	TS1.5-150
TS2-150	TS3-150
TS6-230	TS10-240
TS10D-240	TS20-320
TS20-445	TS20LS3-340
TS30-370	TS30LS4-445
TS40-370	TS40LS4-445
TS50-445	TS50LS3-445
TS50LS4-445	TS60-445
TS60LS3-445	TS60LS4-445
TS70LS3-480	TS70LS3-550

TS400LS3-870 MP2525 VT2525

Electro-dynamic vibration test system
Max. exciting force (1~600 kN)
Max. displacement (25, 51, 76, 100mm)

Head expander (square, round optional)
Slip table (LP, MP, HP optional)
Armature Diameter (150~870mm)