

Modal Shaker (500N)

Model: JZK-50

Features:

- Small size, light weight
- For the environmental vibration and fatigue measurement of small and medium sized parts and instruments
- Applied in testing the dynamic response, resonance frequency and mechanical impedance of small and medium sized structure
- Wide frequency range, high output efficiency
- Reasonable structure, high reliability



Specifications:

Rating output(peak)N	Sine/random	500N
Max Amplitude		±10 mm
Max Acceleration		49.5g
Max Input Current		≤30Arms
Frequency Range		DC- 2k Hz
Resonance Frequency		15Hz
Moving coil DC resistance		0.6 Ω
Force Constant(N/A)		16.7
The Mass of Moving Parts		1.05Kg
Dimensions (mm)		Φ240 × 345
Mounting Hole Dimensions (mm)		180×150/4-Φ10
Weight		38.5Kg
Output Method		Mandril
Connection Method		M5
Elastic Support Stiffness (N/mm)		3
Principal Resonant Frequency		>2000 Hz
Force Wind Cooling		None
No-Linearity		≤3% (Max Shaking Force)
Operating temperature		-30°C—70°C
Storage temperature		-55°C—85°C
Humidity		95%R.H.(max)
Input Method		Four-pin socket
Connection Pole		One
Recommended Power Amplifier		YE5874A ~