



100N Electromagnetic Shaker

Model: JZK-100

FEATURES

- Small vibration table
- Wide frequency range
- Measurement of dynamic response, natural frequency and mechanical impedance for middle and large size structures
- Fatigue tests of middle and large size instruments and components
- Recommended power amplifier –Type YE5876 & YE5878



SUPPLIED WITH

Connecting rod	steel rod of $\Phi 5 \times 30\text{mm}$ (L)
Input cables	2 metre 4-core cable with 4-pin plugs

PERFORMANCE

Maximum force output	1000N
Vibration amplitude range	-10mm to +10mm
Frequency range	10Hz to 2kHz
Input current	$\leq 12\text{Arms}$
Nonlinearity	$\leq 3\%$
DC resistance	8Ω
Moving part mass	1.2kg
F0	20Hz
F1	>3kHz

PHYSICAL CHARACTERISTICS

Dimensions	$\Phi 280\text{mm} \times 250\text{mm(H)}$
Weight	40kg
Electrical connection	4 pin socket
Mechanical connection	M12 thread

ENVIRONMENT CHARACTERISTICS

Operating temperature	0°C to 50°C
Storage temperature	-55°C to 85°C
Maximum humidity	95% RH