

MS-2000 Package Shaker

The Lansmont Model MS-2000 Package Shaker is used to perform "repetitive shock", "loose load" or "bounce" tests in accordance with ISTA, ASTM, TAPPI, ISO, MIL-STD, FED-STD, UN, DOT, and other industry, government, and international standards. The large table size and load capacity of the Model MS-2000 make it ideal for most testing applications, from single package tests to large pallet loads. With a maximum payload of 2,000 lbs. (907 kg), the MS-2000 is a very capable test system for a wide variety of applications. The MS-2000 operates on an eccentric cam principle, and is adjustable for circular-synchronous and vertical-linear motions. The MS-2000 utilizes a very simple system for changing motions and can be configured from one to the other in 5 minutes! Frequency range of the MS-2000 is from 2 Hz to 5 Hz. with a fixed displacement of 1 inch (2.54 cm). Maximum acceleration of the test system is 1.25 g's.



For control, the MS-2000 utilizes Lansmont's exclusive MicroTest™ hand-held controller. This micro-processor based unit controls all set-up and operation of the machine, and indicates frequency, RPM, test time, time remaining, test cycles, cycles remaining, and acceleration on a large, multi-functional LCD display. All controller settings are retained in non-volatile memory, even with the power off. The controls may be hand-held, or reside in the optional swivel stand.

MS-2000 Features:

- User selectable motions, 5-Minute changeover.
- MicroTest™ hand-held controller.
- Precision speed / frequency sensor.
- Externally accessible grease fittings for simplified maintenance.
- Built-in pencil holder to facilitate ISTA certification.
- Emergency Power Off (EPO) Button.
- 360° accessibility; no drive-train protrusions.
- High-end fence included on one side. 36 in. (91.4 cm) tall.

MS-2000 Options:

- **Swivel Stand for mounting controls.** Provides a convenient holder for the MicroTest™ hand-held controller.



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TECHNICAL SPECIFICATIONS

PHYSICAL	
Table Sizes	84 in. x 84 in. (213 cm x 213 cm)
Displacement	1.0 in. (2.54 cm) Fixed
Frequency Range	2.0 – 5.0 Hz
Max. Acceleration	1.25 g Peak
Motions	Circular-Synchronous, Vertical-Linear
Machine Envelope	66 in. x 72 in. (168 cm x 183 cm) 1,700 lbs. (770 kg)

POWER REQUIREMENTS	
Voltage	240 VAC +/- 10%
Frequency	50 Hz – 60 Hz
Phase	Single Phase
Current	25A

