

Large Shaker System

MODEL: PP980

SUPPORT Precision Shakes

The 2000N pk system is one of the largest of the current family of Pypol systems. The large diameter armature adapts to many test requirements with a minimal amount of fixturing. High lateral and axial stiffness decrease problems associated with off-center loads. Unsupported horizontal operation is possible on many loads. The cooling blower is direct coupled to the shaker to give the maximum performance. An optional slip table is available for horizontal testing. Optional load supports allow testing loads with a high center of gravity. The suspension stiffness is adjustable. Electronic load compensation allows heavier loads.

- MEMS Accelerometers
- Metric inserts
- Automotive components
- Electronic modules
- Vibration controllers



SYSTEM COMPONENTS

- Electrodynamic Shaker
- Field Supply
- Interconnect Cables and Hoses
- Isolation Mounts
- Linear Power Amplifier
- Amplifier Cabinet
- Cooling blower

OPTIONS

- MEMS Accelerometers
- Metric inserts
- Rack cabinet
- Slip table
- Degauss kit to reduce stray magnetic field
- Head expanders
- Vibration controllers

Application

- Automotive components
- Electronic modules
- Subassemblies
- Environmental testing
- Vibration testing



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SPECIFICATIONS

Performance	PP980
Shaker	PP980
Amplifier	3000VA
Cooling Package	2000X04
Sine Force	2000 N
Random Force	1800 N
Shock Force	4000 N
Frequency Range	1-4000 Hz
Max Acceleration (Bare table)	80g pk Sine
	60g pk Random
	150g pk shock
Max Velocity	3.8 m/s Sine
	1 m/s Random
	1.8 m/s Shock
Max Displacement	4 cm pk-pk
Power Requirements	20 kg
Mechanical	
Overall Dimensions	30 cm x 32 cm x 50 cm
Total Weight	32 kg
Supplied Accessories	
Shaker cable to amplifier, rubber isolation mounts, handles, screws and tools	



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