

Medium Force Range

Medium and Large Air-Cooled Electrodynamic Shakers

- V800 - V8 series shaker systems can be used for sine, random and high-acceleration shock tests
- V875 LS offers 3" displacement
- Lightweight yet robust interchangeable armatures give the highest performance with reduced capital cost
- Advanced switching power amplifiers offer high reliability, reduced space requirements, simple installation and operation
- Systems can be tailored for special applications
- State-of-the-art vibration control system enables remote monitoring and control
- Compatible with LDS COMET_{USB}[™] and LASER_{USB}[™] Vibration Controllers
- Vertical or horizontal operation with optional slip table



V800-V8 SERIES SHAKERS

Industry Standard for Automotive, Military and Electronic Testing

Providing the versatility and capability demanded by research and development, product qualification and stress screening, the V800 - V8 series shaker systems combine superior performance with low capital and running costs.

Industry Applications

- ✓ Automotive parts and systems - qualification testing
- ✓ Electronic assembly, computer equipment testing
- ✓ Avionics and military hardware testing
- ✓ Satellite component testing
- ✓ Product and package testing
- ✓ General stress screening



Shaker Model	V830-185	V830-335	V850-240	V850-440	V875-240	V875LS-440	V875LS-640	V875-640EF	V8-440	V8-640
System Sine Force Peak (lbf)	2,000	2,205	4,000	5,000	8,000	8,000	8,000	8,494	13,000	12,500
System Max Random Force rms (lbf)	1,300	2,205	3,000	5,000	7,000	8,000	7,000	8,494	14,800	12,500
Max Acceleration Sine Peak (gn)	120	82.6	125	60.0	162.7	112	90.9	57.3	140	40.0
System Velocity Sine Peak (in/s)	78.7	78.7	78.7	78.7	78.7	70.9	70.9	70.9	70.9	70.9
Displacement pk-pk (in)	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.5	2.5
Moving Element Mass (lb)	15.4	26.6	30.9	52.6	49.2	73.0	90.0	139	92.6	103.6