

LDS V895 SHAKER WITH HORIZONTAL TABLE

LDS V895 electro-dynamic shaker is suited for sine, random, vibration and shock testing in the range of 5-2300 Hz.

The system is combined with horizontal slip tables allowing testing on three axis. **Two sizes of slip tables** are available to fit customers' needs (1200x1200 mm and 440x440 mm).

The high load capacity of 650 kg allows testing on big mass (fixture and item). The system can reach higher load capacity (up to 1900 kg) by means of a special guided system.



Fig. 1: V895 shaker with slip table - configuration for testing on horizontal axis

Suited for testing:

- Automotive parts and systems qualification
- Electronic assembly, computer equipment
- Avionics and military hardware
- Satellite components
- Railway systems
- Medical and pharma instruments
- Appliances sub-system
- Energy components
- Telecoms equipment
- Product and package



Fig. 2: Detail of fixture mounted on the shaker



Fig. 3: Detail of fixture mounted on the shaker

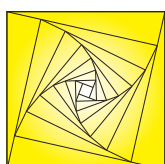
LDS 895 SHAKER

General description	high force electro-dynamic shaker
Armature	440 mm
Sine force (peak)	56 kN
Max acceleration	140 g sine / 50 g random
Useful frequency range	5 - 2300 Hz
Max displacement	63,5 mm (pk-pk)
Internal Load Support Capacity	650 kg (up to 1900 kg with special guided system)
Slip table	1200x1200 mm and 440x440 mm

VIBRATION CONTROLLER

Channels	up to 16
Software	Sine, Random, Shock and more*

* Shock SRS, Resonant search and tracked dwell, Random-on-Random, Sine-on-Random and other on request.



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