

LDS V850 SHAKER WITH HORIZONTAL TABLE

LDS V850 electro-dynamic shaker is suited for sine and random vibration and shock testing in the range of 5-3000 Hz.

The system is combined with a horizontal slip table allowing testing on three axis. **Two sizes of slip tables** are available to fit customers' needs.

Shaker has two interchangeable armatures, the smallest one used for high vibration level up to 125 g.

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. 1: V850 shaker with its horizontal table



Fig. 2: V850 shaker during a railway vibration testing (vertical axis)

LDS 850 SHAKER

General description	medium force electro-dynamic shaker
Armature	440 mm / 240 mm
Sine force (peak)	17,5 kN
Max acceleration (sine peak)	60 g / 122 g
Useful frequency range	5 - 3000 Hz
Max displacement	50.8 mm (pk-pk)
Internal Load Support Capacity	350 kg
Slip table	640X640 mm and 440x440 mm

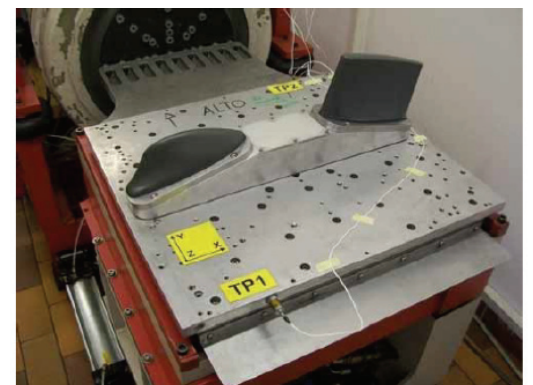
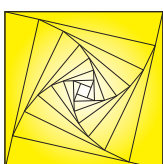


Fig. 3: V850 shaker during tests using slip table

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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