

Lo.F.Hi.S. Low Frequency High Stroke and Velocity Shaker

New vibration system based on the new linear motor technology.

Thanks to the very long stroke and to the high reachable velocity is possible to perform half-sine shock test (20 g) with long duration (up to 100 ms).

The system allows to reach very low frequencies with no distortion even since 0,1 Hz.

Suited for testing:

- Seismic testing
- Naval systems
- Avionics assembly
- Railway components



Fig. 1: Innovative linear engine technology for very long stroke, high velocity and low frequencies

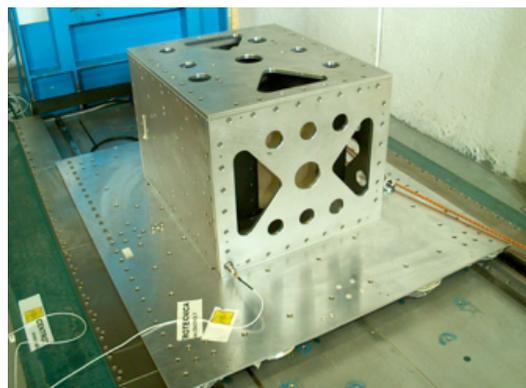


Fig. 2: Lo.Fi.S. System during a test

Lo.F.Hi.S.	
General description	pecially designed machine
Mobile table mass	38,7 Kg
Max force (peak)	12 kN
Max velocity	6.6 ms
Useful frequency range	0 - 500 Hz
Max displacement	850 mm
Table	1000x850 mm

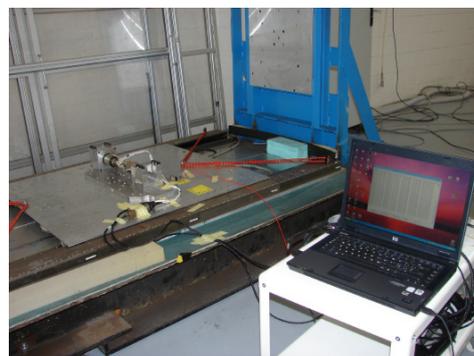
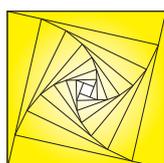


Fig. 3: System during a testing - devices can be power supplied even under environmental testing

VIBRATION CONTROLLER

Channels	up to 16
Software	Half-sine shock



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