



©M/RAD Corporation
 71 Pine Steet
 Woburn, MA 01801
 888-500-9578 • 781-935-5940
 Fax: 781-933 -7210
 www.mradcorp.com • inquiries@mradcorp.com

Electrodynamic Shaker Peripheral Equipment

Seismic Bases

Built-In Or Above The Floor

M/RAD Seismic Bases are used to couple vibration shakers and slip tables to a common base while isolating the vibration from the surrounding area. Bases can be supplied as stand alone units or integrated with a combined shaker/sliptable to provide a low profile system. The seismic base is a steel structure filled with reinforced concrete. The steel frame is constructed to provide all the strength and stiffness necessary under full dynamic load conditions. M/RAD Seismic Bases include a pneumatic isolation system under the base (2.2 Hz natural frequency), control panel and all interconnecting hardware. M/RAD also manufactures seismic bases provided in a pit, below the floor with air isolators. No seismic base is too large or small for M/RAD to engineer and construct.



500,000 lb. Seismic Base under Construction.
 Base Size: 17 Ft X 25 Ft. X 8 Ft. thick.

254 and "Low Profile" 954 Series

The 254 and 954 Series Seismic Bases are an above the floor base. The Model 254 is intended to act as a secondary floor to couple shakers with horizontal slip tables. This assembly is modular. The Low Profile 954 is an integral system where the shaker and slip table are combined into a single assembly.

TYPICAL SIZES OF 254 AND 954 SERIES BASES *

3 ft x 6 ft x 11 in;	3,000 lbs
4 ft x 6 ft x 16 in;	4,000 lbs
5 ft x 8 ft x 16 in;	6,000 lbs
5 ft x 9 ft x 11 in;	7,000 lbs
6 ft x 8 ft x 16 in;	10,000 lbs
6 ft x 10 ft x 16 in;	11,000 lbs
6 ft x 13 ft x 16 in;	17,000 lbs
7-1/2 ft x 10 ft x 16 in;	15,000 lbs
7 ft-10 in x 13 ft x 16 in;	18,000 lbs

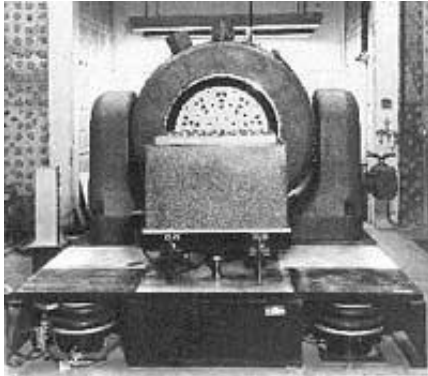
* ANY SIZE QUOTED ON REQUEST

FEATURES

- To match any shaker/sliptable
- Manual Control Pneumatic Isolation System (2.2 Hz)

OPTIONS

- Servo Control to position the height of the air isolation system to + 0.005 inch.
- Elastomer Isolation (10 Hz)
- Casters and Track
- Air Glide



254; 7-1/2 ft x 10 ft x 16 in



254; 7 ft-10 in x 13 ft x 16 in



954; 3 ft x 6 ft x 11 in with step for servo-hydraulic shaker



954; 3 ft x 6 ft x 16 in

SPECIFICATIONS AND PRICES SUBJECT TO CHANGE WITHOUT NOTICE

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