

BM-1 Bench Top Vibration Isolation Platform

Weight: Approximately 80 lb (36 kg)	
Dimensions: 24" W x 22.5" D x 8.5" H (610mm W x 572mm D x 216mm H)	
Load Capacities (approximate):	
Model	Payload Range
100BM-1	60 - 105 lb (27 - 48 kg)
150BM-1	90 - 155 lb (41 - 70 kg)
250BM-1	180 - 270 lb (82 - 123 kg)
350BM-1	290 - 370 lb (132 - 168 kg)
500BM-1	360 - 525 lb (164 - 239 kg)
650BM-1	500 - 680 lb (227 - 309 kg)
Weight: Approximately 90 lb (41 kg) - Dimensions - an additional 0.675" taller than the above unit	
850BM-1	630 - 900 lb (285 - 408 kg)
1000BM-1	890 - 1050 lb (403 - 476 kg)
Performance	
- Vertical natural frequency of 1/2 Hz or less can be achieved over the entire load range. - Horizontal natural frequency is load dependent. 1/2 Hz or less can be achieved at or near the upper limits of the payload range.	
Simple Set-Up and Adjustment	



1) Vertical Load Adjustment Crank

Simple manual adjustment compensates for changes in vertical load.

2) Vertical Position Indicator

Easily determine optimum setting using this simple visual indicator.

3) Vertical Stiffness Adjustment Screw

Dial in Guaranteed 1/2 Hz or less Vertical natural frequency using this simple adjustment.

Our highest capacity bench top isolator. A cost effective product for weight loads up to 680 lb and 1/2 Hz performance vertical and horizontal.

For more information contact us at: 310-348-9656 or sales@minusk.com

The vertical curve below shows the typical vertical 1/2 Hz performance. The horizontal curve below shows a slightly higher natural frequency. The BM-1 offers 10-100 times better performance than typical high-performance air tables.

Typical Performance Curves:

