

## 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	
<ul style="list-style-type: none"> <li>Vertical natural frequency of 1/2 Hz or less can be achieved over the entire load range.</li> <li>Horizontal natural frequency is load dependent. 1/2 Hz or less can be achieved at or near the upper limits of the payload range.</li> </ul>	
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: **045-345-0002**  
or **shirai@kantum.co.jp**

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:

