

New CT-1 Ultra-Thin Low Height Tabletop Vibration Isolation Platform



The Ultra-Thin CT-1 Tabletop isolator (CT-1) uses Minus K's patented breakthrough technology allowing for the best performance on the market in just a 2.25 inch tall isolation platform.

This completely passive mechanical isolator offers 10-100 times better performance than a full size air table. It does this without any air or electricity!

This vibration isolation platform is extremely easy to use and offers a 2.25 Hz horizontal natural frequency and our signature 0.5 Hz vertical natural frequency. There are only two adjustments. The CT-1 is ideal for all types of benchtop microscopes.

This is the thinnest, most portable and most user-friendly isolator ever offered that is capable of delivering this performance.

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

The vertical curve below demonstrates the vertical 1/2 Hz performance of the CT-1. Horizontally, the CT-1 offers natural frequencies as low as 2.25 Hz, much better than typical air tables.

Weight: Approximately 30 lbs (16 kg)	
Dimension: 20" W x 18" D x 2.25" H (508mm W x 457mm D x 57mm H)	
Approximate payload weight range	
Model	Payload Range
60CT-1	42 – 70 lb. (19 – 31.8 kg.)
100CT-1	63 – 103 lb. (28.6 – 46.8 kg.)
150CT-1	94 – 155 lb. (42.7 – 70.5 kg.)
Performance	
<ul style="list-style-type: none"> Horizontal frequencies are weight dependent. Horizontal frequency of ~2.25 Hz is achieved at or near the upper limits of the payload range. At the lower payload weights the horizontal frequency will increase. Vertical frequency is tunable to 0.5 Hz throughout the payload range. 	

Typical Performance Curves:

