

CT-10 Ultra-Thin Bench Top Vibration Isolation Platform



Weight: Approximately 30 lb (13.6 kg)

Dimensions: 12.6" W x 12.6" D 2.7" H
(320mm W x 320mm D x 68.6mm H)

Approximate payload weight range:

Model	Payload Range
10CT-10	1 - 11 lb (.5 - 5 kg)
25CT-10	11 - 28 lb (5 - 12.7 kg)
50CT-10	34 - 55 lb (15.43 - 25 kg)
75CT-10	48 - 78 lb (21.8 - 35.4 kg)
100CT-10	77 - 105 lb (35 - 47.7 kg)

Performance

- Horizontal frequencies are weight dependent.
- Horizontal frequency of ~1.5 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.

Simple Set-Up and Adjustment

The Compact Tabletop (CT-10) uses Minus K's patented breakthrough technology, allowing for the best performance on the market in just a 2.7-inch tall, approximately 12.6-inch deep and wide isolation platform. This unit is as tall as Minus K's CT-2 and offers similar horizontal performance with additional payload ranges for smaller instruments.

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 our signature 0.5 Hz vertical natural frequency and ~1.5 Hz horizontal natural frequency. There are only two adjustments. The CT-10 is ideal for all types of benchtop microscopes.

It is the thinnest, most portable, and user-friendly isolator ever offered that can deliver this performance.

The vertical curve below demonstrates the vertical 1/2 Hz performance of the CT-10. Horizontally, the CT-10 offers natural frequencies as low as 1.5 Hz, much better than typical air tables.

Typical Performance Curves:

