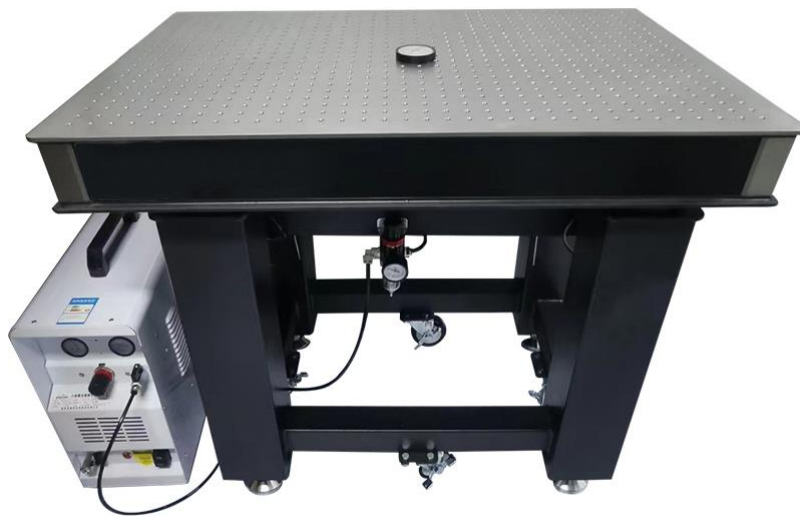


AF Series High-Precision Air-Flotation Anti-Vibration Table



Product Introduction:

AF series air floating Anti Vibration Table are composed of reinforced stainless-steel table, air damping vibration isolation system and bracket. The table top is a three-layer sandwich honeycomb structure, and the bracket is integrally welded, with rubber wheels for easy movement. Table top + bracket center height 800mm; The natural frequency <math>< 1\sim 2\text{Hz}</math>, which is suitable for optical communication, laser, semiconductor industry production lines, laboratories and high-end microscopes and testing equipment.

Specifications:

- ✦ The upper table is 6mm thick 430 series (1Cr17) ferromagnetic stainless steel;
- ✦ The lower bottom surface is 4-6mm carbon steel,
- ✦ Flatness: 0.02 0. 05mm/600mm*600mm;
- ✦ Natural frequency: <math>< 1.0\sim 2\text{Hz}</math>, related to the load situation
- ✦ Distance Hole to Hole : 25mm*25mm, : Thread size: M6

Description: The natural frequency <math>< 1.0\sim 2.0\text{Hz}</math>, the amplitude $\leq 1\mu\text{m}$, the surface roughness $\leq 0.8\mu\text{m}$, and the air output pressure: 0.3~0.4MPa

Model Selection:

Model	Available Size	Thickness	Weight	Support Leg Surface size(mm)	Bracket load	Number of Legs
AF0906	900x600x800	100	60	120x120	400	4
AF0909	900x900x800	100	90	120x120	400	4
AF1008	1000x800x800	100	88	120x120	400	4
AF1206	1200x600x800	100	80	120x120	400	4
AF1208	1200x800x800	100	106	120x120	400	4
AF1209	1200x900x800	100	120	120x120	400	4
AF1210	1200x1000x800	100	135	120x120	400	4
AF1509	1500x900x800	100	150	120x120	600	4
AF1510	1500x1000x800	200	200	200x200	600	4
AF1512	1500x1200x800	200	243	200x200	600	4
AF1515	1500x1500x800	200	304	200x200	600	4
AF1810	1800x1000x800	200	243	200x200	800	4
AF1812	1800x1200x800	200	292	200x200	800	4
AF1818	1800x1800x800	200	438	200x200	800	4
AF2010	2000x1000x800	200	270	200x200	800	4
AF2012	2000x1200x800	200	324	200x200	800	4
AF2015	2000x1500x800	200	405	200x200	800	4
AF2020	2000x2000x800	200	540	200x200	800	4
AF2412	2400x1200x800	200	390	200x200	800	4
AF2415	2400x1500x800	200	486	200x200	800	4
AF3010	3000x1000x800	300	480	200x200	1200	6
AF3012	3000x1200x800	300	576	200x200	1200	6
AF3015	3000x1500x800	300	720	200x200	1200	6
AF3512	3500x1200x800	300	672	200x200	1200	6
AF3515	3500x1500x800	300	710	200x200	1200	6
AF4015	4000x1500x800	300	960	200x200	1200	6
AF4515	4500x1500x800	300	1080	200x200	1200	6
AF5015	5000x1500x800	300	1200	200x200	1600	10
AF6015	6000x1500x800	300	1440	200x200	2400	12

Optional Table Leg Design with Front Open:



Figure 1.1