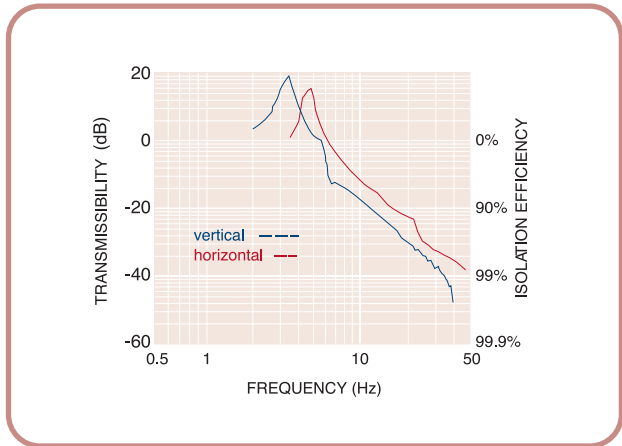


Passive Isolation Systems



Vertical and Horizontal Transmissibility of Thorlabs' Passive Vibration Isolators.

Specifications

- **Load Capacity (Set of Four):**
 - Standard: 275–1100kg (600–2425lb)
 - Heavy duty: 550–2200kg (1200–4850lb)
- **Height:** 600 and 700mm (24 and 28")
- **Air Pressure Required:** 550kPa (80psi) Maximum
- **Finish:** Black Paint

Passive isolators, the most cost-effective vibration isolators available, are ideal for removing floor vibrations in the critical 10-50Hz frequency range. These isolators provide simple, effective vibration isolation with excellent horizontal and vertical stability. They inflate with a foot pump and isolate without air consumption. A choice of load capacity is provided to match your application.

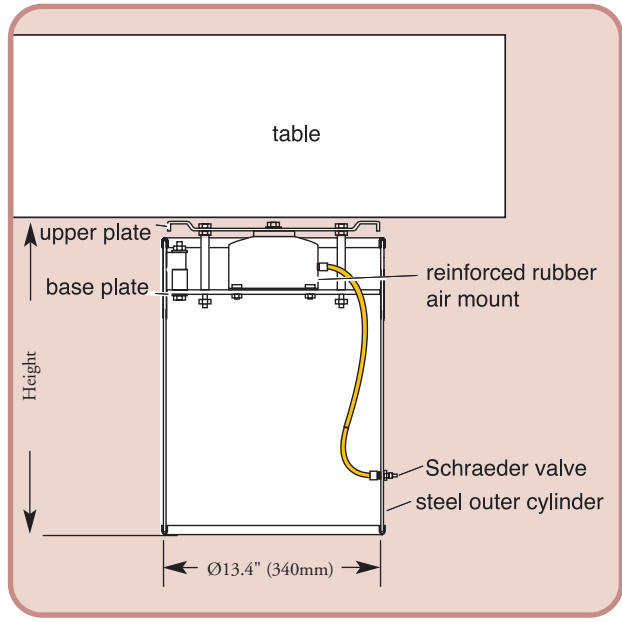
Standard Vibration-Isolation Data*

Resonant Frequency		Transmissibility (Isolation Efficiency)	
Vertical	Horizontal	Vertical	Horizontal
<5Hz	<4Hz	<6dB at resonance	<9.2dB at resonance
		<0.25dB(>75%) @ 10Hz	<0.13dB(>87%) @ 10Hz

Heavy Duty Vibration-Isolation Data*

Resonant Frequency		Transmissibility (Isolation Efficiency)	
Vertical	Horizontal	Vertical	Horizontal
<5.5Hz	<4.5Hz	<6.5dB at resonance	<9.0dB at resonance
		<0.4dB(>60%) @ 10Hz	<0.25dB(>25%) @ 10Hz

*Performance values were measured supporting a 1.25m x 2.5m x 310mm (4' x 8' x 12.2") table. Heavier tables or loads will have a lower vertical resonant frequency, higher transmissibility at resonance, and lower transmissibility at 10Hz.



Passive Vibration Isolation

Optical Power Meters

See Page 946

Standard Passive Isolators

ITEM#	\$	£	€	RMB	DESCRIPTION	HEIGHT
PTP502	\$ 2,150.50	£ 1,354.80	€ 2,000.00	¥ 20,537.30	Set of 4	24" (600mm)
PTP503	\$ 2,150.50	£ 1,354.80	€ 2,000.00	¥ 20,537.30	Set of 4	28" (700mm)

Heavy Duty Passive Isolators

ITEM#	\$	£	€	RMB	DESCRIPTION	HEIGHT
PTH502	\$ 2,380.00	£ 1,499.40	€ 2,213.40	¥ 22,729.00	Heavy Duty Set of 4	24" (600mm)
PTH503	\$ 2,380.00	£ 1,499.40	€ 2,213.40	¥ 22,729.00	Heavy Duty Set of 4	28" (700mm)

Please contact your local sales office for a quotation including shipping