

## Tables &amp; Breadboards

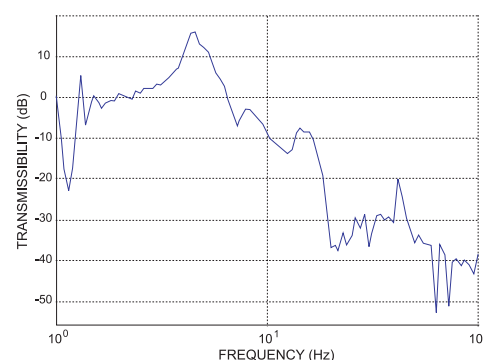
## Workstation – Passive Isolation (800mm Tall)



Metric and Imperial Compatible

Our passive isolation system incorporates four independent air mounts, each manually leveled, for general applications requiring isolation from low frequency vibrations. These isolators do not require a constant source of air. Passive isolation is particularly effective for instruments with a high center of gravity, providing the stability and stiffness required to result in rapid attenuation of vibrational disturbances. Select a passive system if your application would benefit from a high degree of vibration isolation. For loads of 45 – 180kg, the standard system is the most cost effective solution. If the weight of your application and breadboard exceeds 180kg, choose the heavy duty variant. Custom sizes are available by contacting Tech Support.

Tables and breadboards for use with the passive workframes are available. See pages 18-32.



Vertical Transmissibility of Passive Isolation

Polarization  
Measurement  
Tools

See Page 974

## Specifications

- **Load Capacity:**
  - Standard: 45-180kg (100-400lbs)
  - Heavy Duty: 135-540kg (300-1,090lbs)
- **Air Connection:** Schrader Valve
- **Air Pressure Required:** 415kPa (60psi) Maximum
- **Height:** 800mm (32")
- **Height Adjustment Range:** Leveling Feet  $\pm 10$ mm (0.4")
- **Finish:** Black Paint

## Passive Vibration Isolation Data

Resonant Frequency		Transmissibility (Isolation Efficiency)	
Vertical	Horizontal	Vertical	Horizontal
<3.5Hz	<3.5Hz	<14dB at Resonance <0.2dB (>80%) at 10Hz	<9dB at Resonance <0.2dB (>80%) at 10Hz

\*Note: Measured supporting a 1.25m x 2.5m x 210mm (4' x 8' x 8.3") table.

## Standard Passive Isolating Support Frames 800mm Height – Call for Lead Time

ITEM	\$	£	€	RMB	DESCRIPTION
PPF52509	\$ 1,904.00	£ 1,199.50	€ 1,770.70	¥ 18,183.20	800mm (31.5") SD Passive Support Frame 750 x 750mm (2.5' x 2.5')
PPF52505	\$ 1,921.00	£ 1,210.20	€ 1,786.50	¥ 18,345.60	800mm (31.5") SD Passive Support Frame 900 x 750mm (3' x 2.5')
PPF52506	\$ 1,938.00	£ 1,220.90	€ 1,802.30	¥ 18,507.90	800mm (31.5") SD Passive Support Frame 900 x 900mm (3' x 3')
PPF52508	\$ 1,946.50	£ 1,226.30	€ 1,810.20	¥ 18,589.10	800mm (31.5") SD Passive Support Frame 1200 x 750mm (4' x 2.5')
PPF52507	\$ 1,955.00	£ 1,231.70	€ 1,818.20	¥ 18,670.30	800mm (31.5") SD Passive Support Frame 1200 x 900mm (4' x 3')
PPF52503	\$ 2,023.00	£ 1,274.50	€ 1,881.40	¥ 19,319.70	800mm (31.5") SD Passive Support Frame 1200 x 1200mm (4' x 4')
PPF52501	\$ 1,972.00	£ 1,242.40	€ 1,834.00	¥ 18,832.60	800mm (31.5") SD Passive Support Frame 1500 x 750mm (5' x 2.5')
PPF52502	\$ 1,989.00	£ 1,253.10	€ 1,849.80	¥ 18,995.00	800mm (31.5") SD Passive Support Frame 1500 x 900mm (5' x 3')
PPF52504	\$ 2,040.00	£ 1,285.20	€ 1,897.20	¥ 19,482.00	800mm (31.5") SD Passive Support Frame 1500 x 1200mm (5' x 4')

## Heavy Duty Passive Isolating Support Frames 800mm Height – Call for Lead Time

ITEM	\$	£	€	RMB	DESCRIPTION
PFH52509	\$ 1,955.00	£ 1,231.70	€ 1,818.20	¥ 18,670.30	800mm (31.5") HD Passive Support Frame 750 x 750mm (2.5' x 2.5')
PFH52505	\$ 1,972.00	£ 1,242.40	€ 1,834.00	¥ 18,832.60	800mm (31.5") HD Passive Support Frame 900 x 750mm (3' x 2.5')
PFH52506	\$ 1,989.00	£ 1,253.10	€ 1,849.80	¥ 18,995.00	800mm (31.5") HD Passive Support Frame 900 x 900mm (3' x 3')
PFH52508	\$ 1,997.50	£ 1,258.40	€ 1,857.70	¥ 19,076.10	800mm (31.5") HD Passive Support Frame 1200 x 750mm (4' x 2.5')
PFH52507	\$ 2,006.00	£ 1,263.80	€ 1,865.60	¥ 19,157.30	800mm (31.5") HD Passive Support Frame 1200 x 900mm (4' x 3')
PFH52503	\$ 2,074.00	£ 1,306.60	€ 1,928.80	¥ 19,806.70	800mm (31.5") HD Passive Support Frame 1200 x 1200mm (4' x 4')
PFH52501	\$ 2,023.00	£ 1,274.50	€ 1,881.40	¥ 19,319.70	800mm (31.5") HD Passive Support Frame 1500 x 750mm (5' x 2.5')
PFH52502	\$ 2,040.00	£ 1,285.20	€ 1,897.20	¥ 19,482.00	800mm (31.5") HD Passive Support Frame 1500 x 900mm (5' x 3')
PFH52504	\$ 2,091.00	£ 1,317.30	€ 1,944.60	¥ 19,969.10	800mm (31.5") HD Passive Support Frame 1500 x 1200mm (5' x 4')

\*Please contact your local sales office for a quotation including shipping.