

## ScienceDesk™ Overview (Page 2 of 2)

The ScienceDesk series is a modular system designed to provide an ergonomic alternative to conventional workstations. This high-quality, modular workstation is ideally suited for a range of vibration-sensitive applications, such as those found in the fields of confocal microscopy, laser scanning microscopy, biotechnology, electrophysiology, and telecommunications.

The welded steel construction of the frame provides a durable work platform; the breadboard is inset into the frame to avoid incidental contact. Frames are available with three levels of vibration isolation: rigid, passive, and active. Each is designed to

accept a breadboard from our Performance™ or PerformancePlus™ series. Models are available with or without tapped holes. The combination of frame and breadboard allows flexibility in creating a work space with an array of vibration-isolation possibilities.

A full array of accessories, including shelving, a keyboard holder, a monitor mount, mounting posts, and casters, are available to allow customization of your work space. Details are presented in the next section.

**ScienceDesk™ is a modular system designed to provide an ergonomic alternative to conventional workstations.**

### Frames: Technical Specifications

SERIES	RIGID	PASSIVE	ACTIVE
<b>Isolation Performance</b>			
Vertical Transmissibility*	N/A	-16 dB (0.15 Transmissibility Ratio) at 10 Hz	-29 dB (0.035 Transmissibility Ratio) at 10 Hz
Horizontal Transmissibility*	N/A	N/A	-27 dB (0.043 Transmissibility Ratio) at 10 Hz
Vertical Resonant Frequency	N/A	3.5 Hz	1.5 Hz
Load Capacity	N/A	50 - 570 lbs (24 - 260 kg)**	1,545 lbs (700 kg)
Frame Size	7.7" (195 mm) Deeper and Wider than the Work Surface Size		
Frame Height	31.5" ± 0.6" (800 mm ± 15 mm)		
Self Leveling Repeatability	N/A	N/A	±0.02" (0.5 mm)
Finish	Dark Gray		

\*Frames rated at full load capacity

\*\*Higher load version is also available.

### Tabletops: Technical Specifications

SERIES	PERFORMANCE	PERFORMANCEPLUS
Flatness Over any 1.0 ft <sup>2</sup> (0.3 m <sup>2</sup> ) Area	±0.006" (0.15 mm)	±0.004" (0.10 mm)
Damping	Nominal	Enhanced
Thickness	2.4" (60 mm) & 4.3" (110 mm) Versions	2.4" (60 mm) & 4.3" (110 mm) Versions
Construction	Double-Plate, Single-Honeycomb Core, Athermalized Design	Triple-Plate, Double-Honeycomb Core, Athermalized Design
Top and Bottom Plates	Magnetic Stainless Steel, 5 mm (3/16") Thick*	
Core	High-Density, Plated-Steel Honeycomb*	High-Density, Plated-Steel Honeycomb with Intermediate Plated-Steel Sealing Cup
Top Surface Finish	Brushed Finish, Solid Stainless Steel, Optional Array of Mounting Holes Available	

\*Nonmagnetic version is available

## Have you seen our...

**NEW**  
product



## Touch Screen Power and Energy Meter Console

- ◆ Fiber and Free Space Applications
- ◆ Over 25 Compatible Sensors
- ◆ Measurement Capabilities from 100 pW to 250 W and 185 nm to 25 µm
- ◆ Power and Energy Measurements
- ◆ 5.7" Auto-Rotating, Color Touch Screen
- ◆ USB Stick Data Storage
- ◆ Optional Plug-In Fiber Inspection Camera

*For more details, see page 1548*