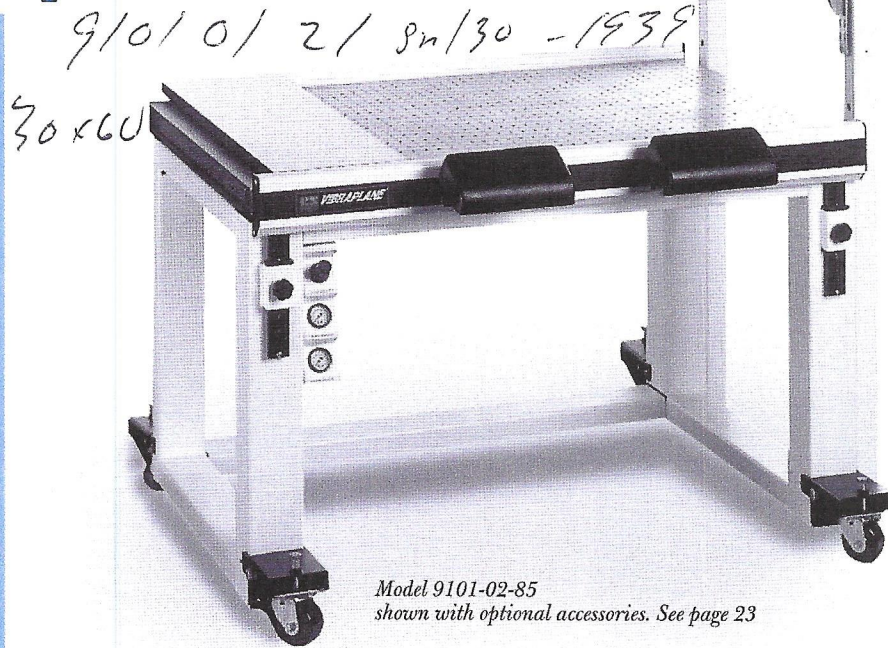


VIBRAPLANE Workstations

9100 Series LabMate

For Load Ranges up to 1300 lbs.



Model 9101-02-85
shown with optional accessories. See page 23

Features/Benefits:

- Vertical vibration isolation
- Horizontal vibration isolation
- VibraDamped steel frame
- High performance Active-Air Suspension
- Maintains a preset zero deflection level (regardless of load addition or removal)
- Choice of tabletops
- Choose from 12 sizes
- Ergonomic styling
- Class 100 Cleanroom Compatible
—Class 10 available

The 9100 Series is available for two load capacities, and is field convertible to desired capacity.

Specifications

Min. Load @ 20 psi

Vertical Natural Frequency	1.9 Hz
Isolation Efficiency @ 5 Hz	70%
Isolation Efficiency @ 10 Hz	90%

Horizontal Natural Frequency	2.2 Hz
Isolation Efficiency @ 5 Hz	64%
Isolation Efficiency @ 10 Hz	90%

Max. Load @ 80 psi

Vertical Natural Frequency	1.5 Hz
Isolation Efficiency @ 5 Hz	85%
Isolation Efficiency @ 10 Hz	97%

Horizontal Natural Frequency	1.2 Hz
Isolation Efficiency @ 5 Hz	91%
Isolation Efficiency @ 10 Hz	97%

Gross Load Capacity @ 80 psi	
9101	800 lbs. (363 kg)
9102	1300 lbs. (590 kg)

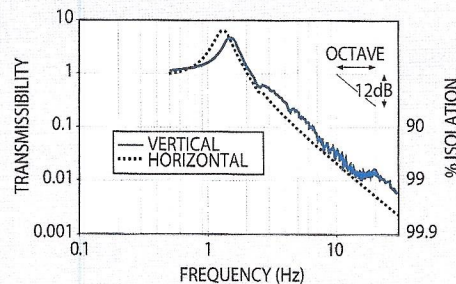
Finish:	
Standard	Linear White Smooth Polyurethane
Class 10	White Epoxy Powder Coat

Note: Typical performance efficiencies are for microdisturbances

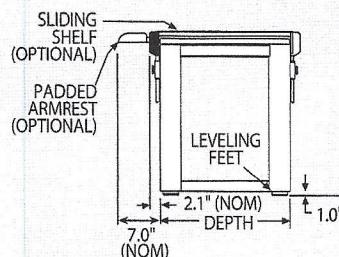
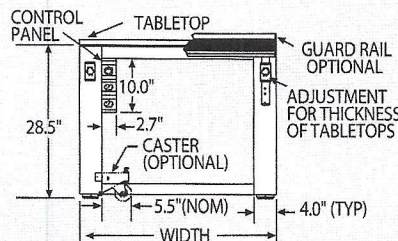
Applications (Partial List)

Analytical Balances, Cell Injection, Confocal Microscopes, Patch Clamping, Optical Microscopes, Wafer Probing, Mask Aligning, and Atomic Force Microscopes.

Performance Data



Performance data will vary with loads



Ordering Information

91 ☐ ☐ - ☐ ☐ - ☐ ☐

Gross Load Capacity (Including Tabletop)

01 = Up to 800 lbs.
02 = Up to 1300 lbs.

Tabletop Size

Depth	Width
1 = 24"	1 = 36"
0 = 30"	2 = 48"
2 = 36"	3 = 60"
	4 = 72"

Tabletop Description

Description	Weight lbs/sq.in
00 = No Tabletop	
21 = 2" Composite w/white plastic laminate	.14*
22 = 2" Composite w/stainless laminate	
23 = 2" Composite w/black plastic laminate	
24 = 2" Composite w/antistatic laminate	
30 = 4" VT Gray granite	.40
40 = 2" Honeycomb/no holes	.14
45 = 2" SPILLPRUF Honeycomb 1/4/20 x 1" centers	
46 = 2" SPILLPRUF Honeycomb M6 x 25mm centers	
80 = 4" Honeycomb/no holes	.16
85 = 4" SPILLPRUF Honeycomb 1/4/20 x 1" centers	
86 = 4" SPILLPRUF Honeycomb M6 x 25mm centers	

* 30" x 72", 36" x 60", and 36" x 72" composite tops weigh .11 lb/sq.in.

Note: See Page 22 and 23 for Tabletop Options and Accessories