

VIBRATION ISOLATION PLATFORMS (STANDARD TYPE)

CUSTOMIZABLE

- Suitable for optical measurement, precision inspection and other occasions that have high requirements for vibration environment
- With a built-in air spring vibration isolation system, it features excellent vibration isolation performance, which can effectively enhance the operational accuracy of instrument
- Automatic level adjustment function

built-in air spring vibration isolation system
(included)



0791-S88B

STANDARD DELIVERY

Main unit	1 pc
Air spring vibration isolation system	1 set

OPTIONAL ACCESSORY

Silent air compressor	0791-SAC
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SPECIFICATION

Code	0791-S88A	0791-S88B	0791-S108A	0791-S108B	0791-S129A	0791-S129B
Countertop material	marble	honeycomb platen	marble	honeycomb platen	marble	honeycomb platen
Threaded hole/pitch	—	M6/25×25mm	—	M6/25×25mm	—	M6/25×25mm
Countertop thickness	100mm		100mm		100mm	
Max. load	500kg		500kg		500kg	
Foot	foot cup+caster		foot cup+caster		foot cup+caster	
Dimension (L×W×H)	800×800×800mm		1000×800×800mm		1200×900×800mm	
Weight	260kg	160kg	330kg	230kg	350kg	250kg

SPECIFICATION

Code	0791-S159A	0791-S159B	0791-S1812A	0791-S1812B	0791-S2012A	0791-S2012B
Countertop material	marble	honeycomb platen	marble	honeycomb platen	marble	honeycomb platen
Threaded hole/pitch	—	M6/25×25mm	—	M6/25×25mm	—	M6/25×25mm
Countertop thickness	200mm		200mm		200mm	
Max. load	800kg		800kg		800kg	
Foot	foot cup+caster		foot cup+caster		foot cup+caster	
Dimension (L×W×H)	1500×900×800mm		1800×1200×800mm		2000×1200×800mm	
Weight	750kg	600kg	800kg	650kg	850kg	700kg

Natural frequency	vertical: 1.0Hz~2.0Hz horizontal: 1.0Hz~2.0Hz	
Vibration isolation system	air spring	
Leveling mode	automatic leveling pneumatic leveling	
Vibration isolation efficiency	vertical: 5Hz: 85%~90% 10Hz: 88%~93% horizontal: 5Hz: 80%~85% 10Hz: 85%~90%	
Supply air pressure	0.3MPa~0.6MPa	
Platform height	800mm	
Repeat positioning accuracy	±0.1mm	
Countertop flatness	marble: grade 00 (DIN 876) honeycomb platen: 0.05mm/m ² ~0.1mm/m ²	
Amplitude	<2.0μm	