

# Industrial Clean Bench

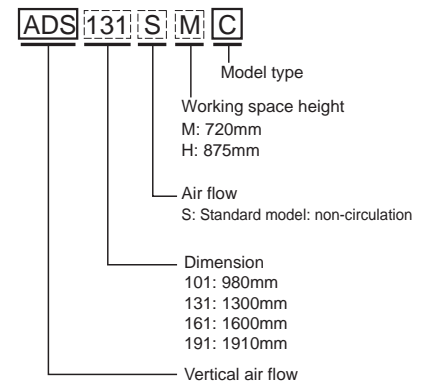
Vertical Airflow

ADS Series



- Vertical airflow: air moves downward from filter positioned in the ceiling toward the work surface, non-circulation airflow
- Air does not blow directly at users face as sash acts as a barrier in front of user's face
- Wind velocity sensor can display discharged wind velocity digitally and keep track of the draft condition inside the bench accurately
- Wind velocity can be adjusted with optional wind velocity controller

## Model Guide



## Specifications

Model	ADS101S□C		ADS131S□C		ADS161S□C		ADS191S□C	
	M	H	M	H	M	H	M	H
Air flow direction	Vertical							
Cleanliness	Class 100							
Blow-off air speed (m/sec)	~0.40 at early stage, ~0.20 final							
Illuminance (lx)	1000 (in the center of working face)							
Load bearing of working face	50kg (static load)							
Air volume (m <sup>3</sup> /min)	~13		~17		~22		~26	
Exterior material	Cold roll steel sheet (chemical-resistant coating), white							
Interior material	Stainless steel sheet (SUS304)							
Working platform	Working face: stainless steel (SUS304), wire drawing processing							
Front doorframe	Toughened glass 5mm, open and close up and down, spare 5mm opening when fully closed							
HEPA Filter (mm)	915x610x65 1pc		610x610x65 2pcs		760x610x65 2pcs		915x610x65 2pcs	
	0.3µm DOP scan test 99.99 % or more							
Front filter (mm)	400x400x15 / 1pc.		400x400x15 / 2pcs.					
Socket	AC220V or AC115V 5A 2 outlets with grounding wire 2 (total capacity is 5A)							
Flourescent lamp	32W x 2 pcs.				40W x 2 pcs.			
Blower (Single phase)	150W x 1		120W x 2		150W x 2			
Working surface level adjustment	Use adjusting foot (-18~+40mm)							
Display of pressure difference	Differential pressure gauge							
Power source	Single phase AC220V/15A 1 circuit (can be changed to AC115V/15A 1 circuit)							
Working space height (mm)	720	875	720	875	720	875	720	875
External dimension (mm)	W980 x D770		W1300 x D770		W1600 x D770		W1910 x D770	
Height (mm)	1820	1975	1820	1975	1820	1975	1820	1975
(Doors fully open) (mm)	(2080)	(2390)	(2080)	(2390)	(2080)	(2390)	(2080)	(2390)
Weight (kg)	~180	~200	~220	~240	~250	~270	~290	~320
Accessories	Fixing fittings of adjusting foot x 4							
Optional item	Wind velocity controller: displays wind velocity and with wind adjust device attachment							

\*Ambient temperature and humidity conditions: temperature 5°C ~35°C, humidity less than 85% RH.

Model	ADS101		ADS131		ADS161		ADS191		
	M	H	M	H	M	H	M	H	
Height (mm)	H1: Working space	720	875	720	875	720	875	720	875
	H2: Front opening height	600	755	600	755	600	755	600	755
	H3: Main unit height	1820	1975	1820	1975	1820	1975	1820	1975
	H4: Front opening maximum height	260	415	260	415	260	415	260	415
Width (mm)	W1: Main unit width	980		1300		1600		1900	
	W2: Effective opening	840		1160		1460		1770	
	W3: Effective interior	940		1260		1560		1870	

## Dimensions (mm)

