

# Industrial Clean Bench

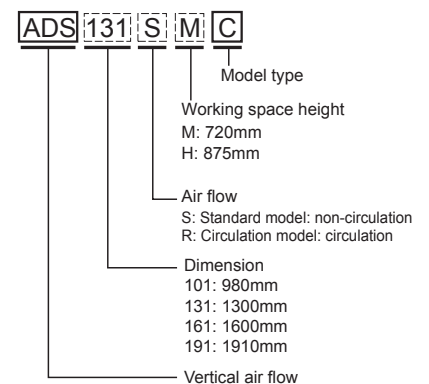
Vertical Airflow

ADS Series



- Vertical airflow: air moves downward from filter positioned in the ceiling toward the work surface, with an option for either circulation or 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	ADS101□□C		ADS131□□C		ADS161□□C		ADS191□□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)	915 x 610 x 65 1pc		610 x 610 x 65 2pcs		760 x 610 x 65 2pcs		915 x 610 x 65 2pcs	
	0.3µm DOP scan test 99.99 % or more							
Front filter (mm)	400 x 400 x 15 / 1pc.		400 x 400 x 15 / 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)

