

# Products for Industry

Clean Benches, Biological

## ADS101SMUG

Item Code : A000650

Model : ADS101SMUG

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ADS101SMUG

### Clean Benches, Biological (ADS101SMUG)

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## Product Summary

**Basic type. For general purpose. With Gas burner and Sterilizing lamp (UG).**

### Features of Clean Benches, Biological (ADS101SMUG)

#### Feature

- 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

## Specifications

#### Specifications

Item Code	A000650
Model	ADS101SMUG
Air flow direction	Vertical (down flow) basic type (non-circulating type)

<b>Cleanliness</b>	Class 100 (JIS Class 5)
<b>Blow-off air speed (m/sec)</b>	Initial about 0.40 m / s, final about 0.20 m / s
<b>Illuminance (lx)</b>	1,000 lx (center of work surface)
<b>Load bearing of working face</b>	50 kg (whole surface static load)
<b>Air volume</b>	~13
<b>Exterior material</b>	Cold rolled steel sheet (powder coating) Color, White
<b>Interior material</b>	Stainless steel (SUS 304)
<b>Working surface</b>	Stainless steel (SUS 304)
<b>HEPA Filter (mm)</b>	915 × 610 × 65/1 sheet dust collecting efficiency 99.99% or more (PAO counting method with 0.3 μm particles) scan test passed product
<b>Front filter (mm)</b>	400 × 400 × 15/1 pc
<b>Socket</b>	AC220V 5A 2 outlets with grounding wire 2 (total capacity is 5A)
<b>Flourescent lamp</b>	Flourescent lamp 32 W × 2pcs
<b>Blower (single phase)</b>	150W x 1
<b>Working surface level adjustment</b>	Adjusted (-18 to + 40 mm)
<b>Display of pressure difference</b>	Differential pressure gauge
<b>Accessories</b>	Fixing fittings of adjusting foot x 4
<b>Optional item</b>	Wind speed controller: blowing wind speed indication and variable wind speed device
<b>External dimensions (W×D×H mm)</b>	980×770×1820mm
<b>Power Source</b>	AC220V Single phrase with step down transformer
<b>Weight</b>	180kg

## Same series products



Clean Benches, Biological  
(ADS101RMUG)



Clean Benches, Biological  
(ADS101SHU)



Clean Benches, Biological  
(ADS101SMG)

