

# Products for Industry

Clean Benches, Biological

## ADS191RMUG

Item Code : A000677

Model : ADS191RMUG

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ADS191RMUG

### Clean Benches, Biological (ADS191RMUG)

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## Product Summary

**Basic type. With Sterilizing lamp (U)**

### Features of Clean Benches, Biological (ADS191RMUG)

#### 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          | A000677  |
| Model              | ADS191RMUG   |
| 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>                       | ~27   |
| <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 × 65/2 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 × 15/2 pc   |
| <b>Socket</b>                           | AC220V 5A 2 outlets with grounding wire 2 (total capacity is 5A)  |
| <b>Flourescent lamp</b>                 | Fluorescent 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>   | 1910×770×1820mm   |
| <b>Power Source</b>                     | AC220V<br>Single phrase with step down transformer  |
| <b>Weight</b>                           | 290kg   |

## Same series products



Clean Benches, Biological  
(ADS101RHU)



Clean Benches, Biological  
(ADS101RMG)



Clean Benches, Biological  
(ADS101RMU)

