

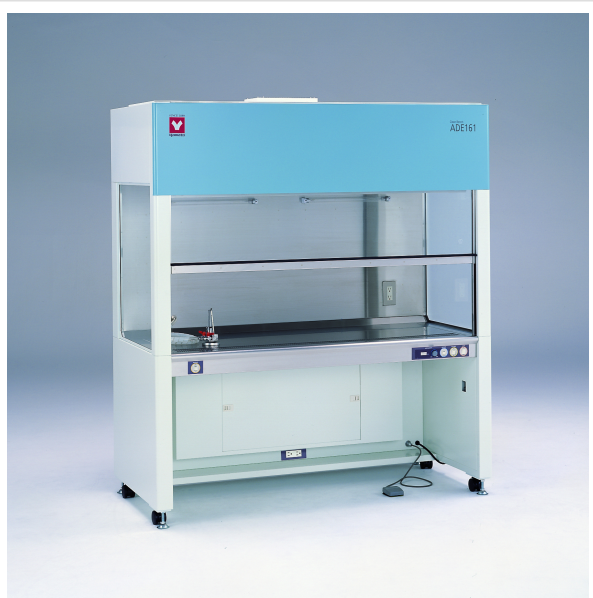
Products for Industry

Clean Benches, Biological

ADE101

Item Code : A000682

Model : ADE101

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ADE161

Clean Benches, Biological (ADE101)

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Product Summary

For Biological Use, Vertical Laminar Flow with Exhaust

Features of Clean Benches, Biological (ADE101)

Features

High cleanliness of work space. Furthermore, in order to keep the negative pressure weak, it prevents the outflow of contaminated air from chamber to the outside.

Features

Equipped with a HEPA filter at the exhaust port.

Features

This device cannot handling bacillus-related purpose. Please use the biohazard safety cabinet for those cases.

Features

Wind velocity can be adjusted with optional wind velocity controller.

Specifications

Specifications

Item Code	A000682
Model	ADE101
Air flow direction	Vertical direction (down flow) Forced circulation exhaust type (weak negative pressure)
Cleanliness	Class 100 (JIS Class 5)
Blow-off air speed (m/sec)	Approx. 0.35 at early stage, Approx. 0.17 final
Illuminance (lx)	1000 (in the center of working face)
Load bearing of working face	50kg (static load)
Air volume Work space	Approx.13 m ³ /min
Air volume Exhaust	Approx.1.5 m ³ /min
Exterior material	Cold roll steel sheet (chemical-resistant coating)
Interior material	Stainless steel sheet (SUS304)
Working platform	Working face: stainless steel (SUS304), wire drawing processing
Front door frame	Toughened glass 5mm, open and close up and down, spare 5mm opening when fully closed
HEPA Filter (mm) Dust collection effeciency	0.3μm DOP scan test 99.99 % or more
HEPA Filter (mm) Main	915 x 610 x 65 / 1pc
HEPA Filter (mm) Exhaust	305 x 200 x 50 / 1pc
Socket	AC220V or AC115V / 2pcs
Flourescent lamp	32W x 2pcs.
Blower (single phase)	150W x 1
Working surface level adjustment	Use adjusting foot (-18~+40mm)
Display of pressure difference	Differential pressure gauge
Gas burner	1 pc / fire ignition type (can be used only when operating the machine)
Overcurrent protector	Earth leakage breaker 1pc
Optional item	Wind velocity controller: displays wind velocity and with wind adjust device attachment
Internal dimensions (H mm)	720mm
External dimensions (W×D×H mm)	980×770×1820mm
Power Source	AC115 / 220V Single-phase with step-down transformer
Weight	190kg

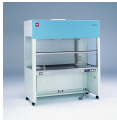
Maintenance and warranty

Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)
External dimensions do not include protrusions.

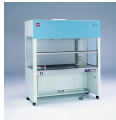
Same series products



Clean Benches, Biological
(ADE131)



Clean Benches, Biological
(ADE161)



Clean Benches, Biological
(ADE191)