

MOMOLINE

Technical furniture for laboratories

Fabbrica Italiana | Italian Factory



Class II Microbiological Safety Cabinet

EN
12469



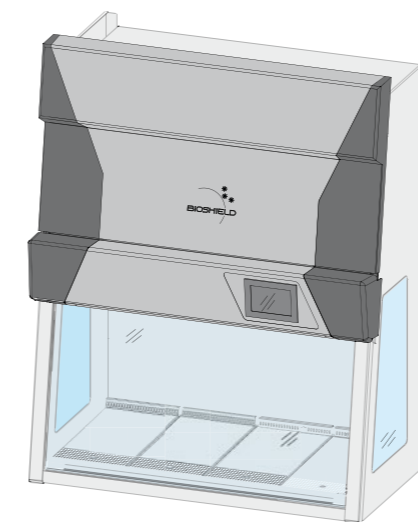
Bioshield is the new Class II Microbiological Safety Cabinet from Momoline, designed, manufactured and third-party certified according to EN 12469.

Bioshield features cutting-edge solutions to ensure at all time the safety of the operator, of the samples and of the surrounding environment, together with innovative design.

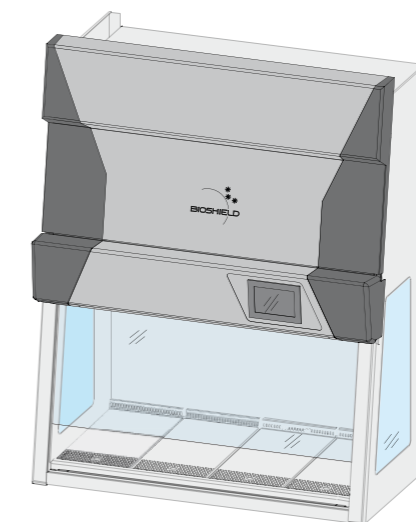
- Multilanguage touch-screen interface, with 7" display.
- Advanced software for real-time control of all functions and performance monitoring.
- Last generation design, entirely Made in Italy.
- Double HEPA H14 filtration system ("Downflow" and "Inflow"), each with an independent brushless fan and with electronic control and balancing.
- The performance charts of the fans are saved in the hardware memory of the controller, ensuring continuous adjustment of their operating point and their performance. This feature guarantees that factory settings are maintained over time, despite the progressive clogging of the filters.
- Independent pressure probes for the two filters, to detect sudden changes and alert the operator.
- Internal working area entirely realized in AISI 316 Stainless Steel, with welded rounded corners and no sharp edges to guarantee optimal cleaning and disinfection.
- AISI 316 Stainless Steel worktop, with spill containment edges and special shape to collect liquids in its center.
- Special grills, with air intake holes, are installed on the worktop and are easily removable to provide access to the under-worktop area.
- Optional armrest supports are available for better comfort of the operator without affecting the performances.
- Lateral windows provided as standard, realized with triple UV reflecting layered glass.
- Front window realized with UV reflecting layered glass, with 10° inclination for increased internal visibility and comfort of the operator.
- Swinging front window, for full access and better disinfection of the working area, complete with gas lifts to hold the glass in the open position.
- Optional automatic movement of the front glass, through dedicated electric motor, with automatic positioning at 200 mm height.
- LED lamps for perfect enlightenment of the working area.
- Optional disinfection system through UV lamps, installed in the rear sides.
- Pre-arrangements for easy and safe installation of optional utilities, such as taps, electric sockets, cable grommets.
- The control software features interactive icons for easy learning, for the management of:
 - Working conditions, usage time,
 - Operators' access through dedicated Password
 - "Inflow" and "Downflow" velocities, with percentage balancing
 - Filters' status, alarms and history of previous events
 - Maintenance programs with service register
 - Sterilization cycles
 - LAN, USB and WiFi interface

product name	internal dimensions	external dimensions*
Bioshield 90	900x630x760 h	1000x790x1600 h
Bioshield 120	1200x630x760 h	1300x790x1600 h
Bioshield 150	1500x630x760 h	1600x790x1600 h
Bioshield 180	1800x630x760 h	1900x790x1600 h

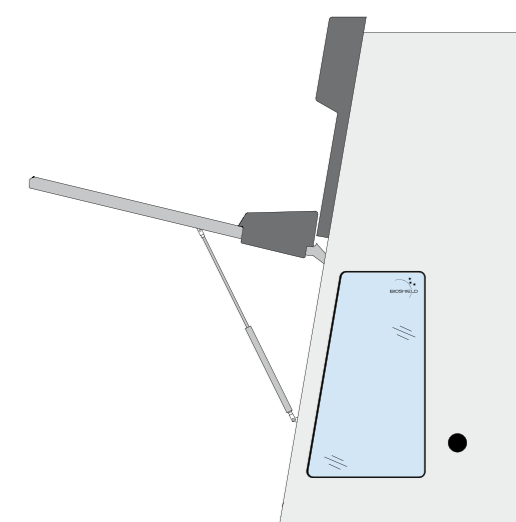
*base support not included (different heights available).



Automatic front glass



200 mm height positioning



swinging opening for disinfection



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