

Microbiological
safety cabinet

BLOWIZARD BW3

For protection
of the operator
and the
environment



Class III Safety Cabinet

EN 12469

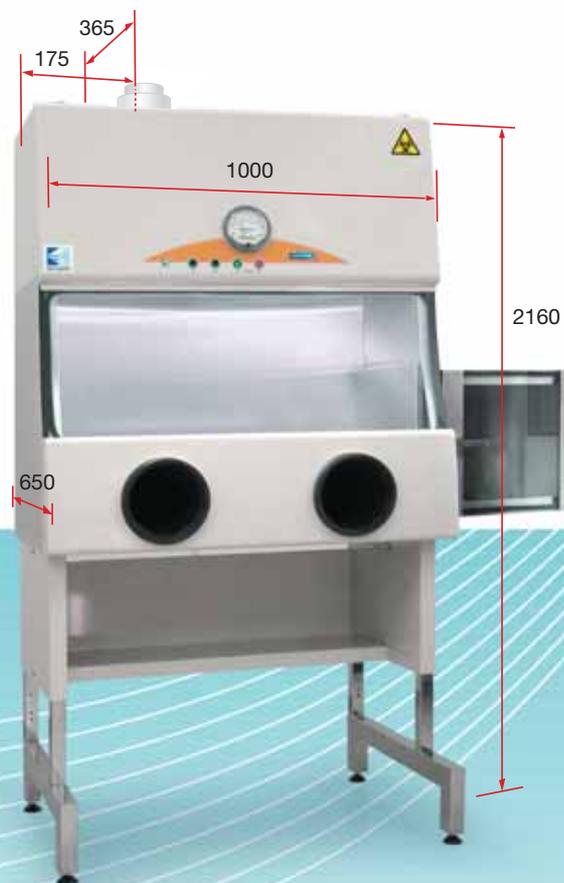
BIOWIZARD BW3

Technical information



The Biowizard BW-3 is a Class III safety cabinet which protects the operator and the environment from hazards in handling infected and other dangerous biological material.

The cabinet separates the operator from the potentially infected samples handled in the working space. Work is performed with mechanically attached gloves. Escape of any airborne particles is prevented by an exhaust system.



Technical information

Construction

The cabinet interior is constructed of stainless steel. Other parts stove enamelled steel.

Window

The front window can be openable for ease of access to the working area when it is safe to do so.

Finishing

All internal finishes are solvent, disinfectant and abrasion resistant.

Filters

The main filters are leak-tested, high efficiency H14 HEPA-filters which meet the requirements of EN 12469. The inlet filter is to the same specification as the exhaust filter. These filters generate the correct airflow, ensuring a minimum working pressure of 200 Pa.

Material pass-through

Materials required for normal work are placed inside the cabinet via a material pass-through made of stainless steel. A rotating tray in the bottom of the pass-through makes this easy.

Gloves

The gloves have a beaded cuff conforming to the diameter and shape of the glove ports. Different glove materials available, neoprene being as standard. Gloves can easily be replaced from outside the cabinet, the old gloves being pushed inside and the new ones fitted while the fan is still running.

The Biowizard BW-3 cabinet fulfils the requirements of standard EN 12469.

Biowizard BW-3

Dimensions (mm)

Width *	1000
Depth	650
Height	2160

Working space (mm)

Width	960
Depth	610
Height	680

Air flow (m ³ /h)	250
Exhaust connection (Ø mm)	160
Electrical connection	220 V / 50 Hz
Power consumption (W)	230

* Width with pass-through 1500 mm

Leading expertise in **clean air technology**



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