

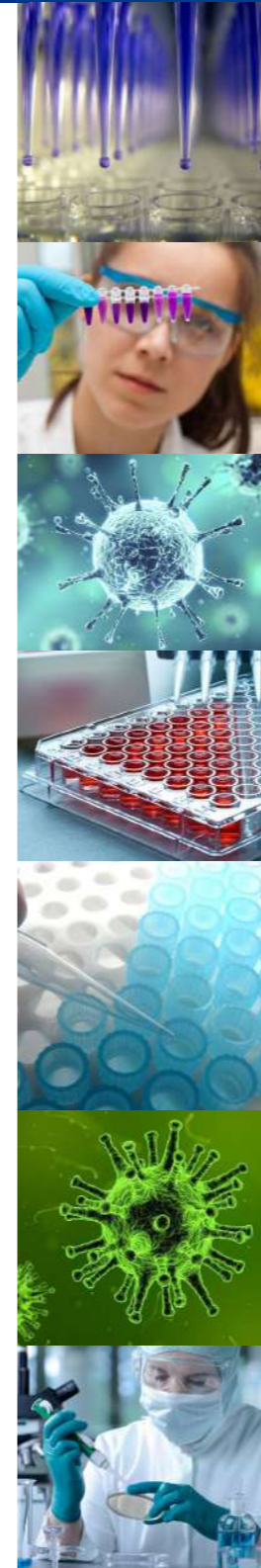


Class II biological safety cabinets
for liquid handling or cytometry



H-Box

Model	H-Box 11-08	H-Box 14-11	H-Box 17-11	H-Box 22-11	H-Box 28-11
Internal dimensions (W x D x H), mm	1100 x 800 x 1160	1400 x 1100 x 1160	1700 x 1100 x 1160	2200 x 1100 x 1160	2800 x 1100 x 1160
External dimensions (W x D x H), mm	1350 x 1000 x 2480	1650 x 1300 x 2480	1950 x 1300 x 2480	2450 x 1300 x 2480	3050 x 1300 x 2480
Weight	300 kg	360 kg	450 kg	650 kg	850 Kg
Max consumption	1 000 W	2 000 W	2 200 W	2 800 W	3 400 W
Down Flow	1 500 m ³ /hour	1 900 m ³ /hour	2 350 m ³ /hour	3 000 m ³ /hour	3 400 m ³ /hour
Exhaust Flow	1 850 m ³ /hour	2 350 m ³ /hour	2 900 m ³ /hour	3 700 m ³ /hour	5 000 m ³ /hour
Air barrier velocity	0,45 meter/sec				
Voltage—frequency	230V ±10% - 50 Hz				
User protection	EN 12469				
Product protection	ISO 5				



Noroit is committed to eco-design and production:



- Low energy building production plant,
- Recycling of 95% of production waste,
- Collecting and treatment of 100% of chemical waste (Noroit is member of the « Click Eco » network,),
- Local subcontracting,

Noroit

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H-Box

PROTECT YOURS SAMPLES, YOUR STAFF AND THE ENVIRONMENT. SAFETY FIRST!

A reference in biological safety issues for liquid handling and cell sorting: the H-Box range of safety cabinets is especially dedicated to accommodate any kind of robots and cytometers, from the most compact to largest ones.



Absolute protection of the user, the samples and environment

Complies with the EN 12469 standard,
Class 100-ISO5,
Double ventilation (downflow-exhaust),
HEPA H14 filtering,
G4 pre-filters,
Airflows measurement by anemometer,
Visual and audible alarms.

Applications

Cytometry platforms,
Cell sorting,
Liquid handling automats,
Screening laboratories,
Diagnosis or proteomic laboratories,
Cell biology research centers,
Pharma industry, etc.

Additional range

Chemical protection: active carbon filter at the exhaust.
Ducted exhaust.

Configuration according to your needs

Adaptation, customisation, many available options on request.



COMPLIES WITH EVERY LIQUID HANDLING ROBOTS AND CYTOMETERS



HAMILTON

PerkinElmer

BD

TECAN

BECKMAN
COULTER

TECHNICAL SPECIFICATIONS

Full opening of the front panel

To enable the complete cleaning and surface decontamination of the internal volume.

Transparent and removable side panels, made of PMMA

To get safe and easy access to the housed equipment, for maintenance.

Work tray is bowl shaped

For a comfortable access to the robot's deck and to the cells.

Reinforced work tray made of aluminium

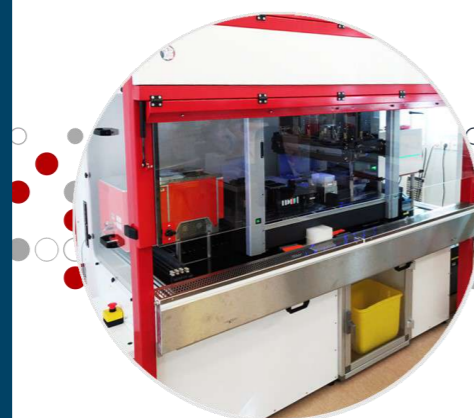
The unit does not move when the embedded equipment is running.

Eye-level control panel

Parameters are easy to check at a glimpse.

Secure cable tight ports

For a tight and safe connection to the PC, peripherals and liquids located outside.



CUSTOMISATION

- UV germicide decontamination,
- Articulated arm for PC stand,
- Front closure panel,
- Ventilated safety compartments to store contaminated cones,
- Infra red safety light curtain on the front opening.



EN 12469 STANDARD

- Air barrier velocity >0,40 meter/sec,
- Exhaust air ratio >30%,
- Height of the front opening = 20 cm.



ROTATIVE CLOSING PANEL

- Used to close the H-Box when the unit is left unused, or during the UV irradiation cycle, if the option is selected.



QUALIFICATION

- HEPA filters efficiency test,
- Particle counting,
- Airflow mapping,
- Alarms control,
- Ventilation control,
- Mechanical control.

