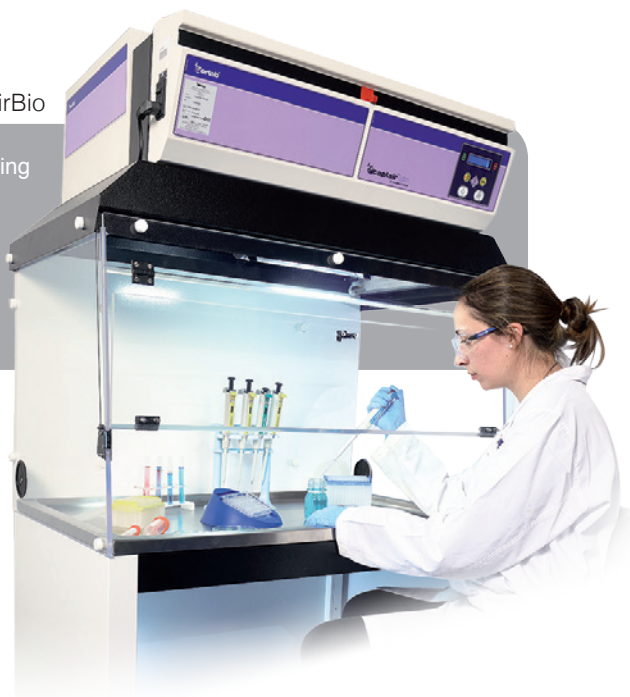


PCR workstations CaptairBio Clean air enclosures CaptairFlow

PCR Workstations CaptairBio

- sample preparations before thermocycling
- post PCR DNA sequencing
 revelation / separation
- invitro fertilization
- cell cultures
- vegetal biology
- preparation of sterile solutions...



Designed to protect the
samples and handlings,
CaptairFlow and
CaptairBio cabinets are
suitable to non pathogenic
application requiring
protection against external
contaminants

CaptairBio PCR
workstations eliminate
sample cross
contamination risks
thanks to efficient UV
decontamination system



CaptairFlow ultra clean air enclosures

Non-pathogenic cell cultures, In-vitro cultures
Microbiology (Non-pathogenic), Homeopathic
preparations in pharmacies, Electronics,
Optics, etc.

Benefits

● 4 new models

- New enclosure design - from 80 cm to 1.8 m
- Work surface : in tempered glass (CaptairBio), in Trespa® Top Lab^{PLUS} (CaptairFlow), or in stainless steel 304L
- Rolling or fixed cart
- Standalone enclosures, without any air supply or air extraction system connexion, immediately ready to use and easy to relocate

● Powerful UV decontamination (PCR workstations CaptairBio)

- Prevents any handling from cross contamination risks
- 254 nm UV lamp power
- Adjustable timer which allows to set the UV radiation
- Automatic UV lamp cut off switch in case of an unexpected front door opening during enclosure decontamination

● Modular filtration column / Air quality into the enclosure

- HEPA H 14 filter : 99.995% filtration efficiency for particles larger than 0.1 microns (according to the EN1822-1 standard, MPPS method).
- Vertical laminar air flow entering into the enclosure avoiding any external contamination
- New carbon filter to protect handlings from VOCs present into the laboratory air

● Very low energy consumption

- Maximal consumption of 261 W



•Flex Filtration Technology

The modular conception of our CaptairBio PCR workstations & CaptairFlow Clean air enclosures filtration column allows to perform handlings in a free of any external contamination and provides an ultra clean work atmosphere.

Technical specifications

Dimensions WxDxH (mm)

Bio 320
(Static enclosure)



Int. 765x550x525
Ext. 825x630x647

Bio 321



Int. 765x550x525
Ext. 820x630x885/965

Bio 391



Int. 970x555x595
Ext. 1030x630x945/1025

Bio 712



Int. 1710x555x595
Ext. 1770x630x945/1025

Flow 321



Ext: 800 x 630 x 1160/1240
Int: 764 x 543 x 866

Flow 391



Ext: 1000 x 630 x 1160/1240
Int: 965 x 543 x 866

Flow 483



Ext: 1275 x 800 x 1315/1395
Int: 1173 x 695 x 1040

Flow 714



Ext: 1800 x 800 x 1315/1395
Int: 1765 x 695 x 1040

| | Bio 320 | Bio 321 | Bio 391 | Bio 712 | Flow 321 | Flow 391 | Flow 483 | Flow 714 |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------|---------|----------|----------------------|----------------------|----------|----------|
| Number of fans (IP44) | X | 1 | | 2 | 1 | 1 | 3 | 4 |
| Processed Air Flow | X | 311 m3/h | | 395 m³/h | 280 m³/h | 305 m³/h | 445 m³/h | 590 m³/h |
| Number of HEPA H14 filter | X | 1 | | 2 | 1 | 1 | 3 | 4 |
| Number of optional molecular carbon filters | X | 1 | | 2 | 1 | 1 | 3 | 4 |
| Number of UV lamp | 1 | | | 3 | X | | | |
| Number Compact tubular fluorescent lighting | 1 | | | 2 | 1 | | | 2 |
| Voltage / Frequency | 230 V / 50 Hz | | | | | | | |
| Total power consumption max including electricity for the lights | 18 W | 75 W | | 150 W | 70 W | 70 W | 191 w | 261 w |
| Amperage absorbed | 0.08 A | 0.32 A | | 0.65 A | 0.26 A | 0.26 A | 0.72 A | 0.98 A |
| Metallic parts | Anti-corrosion steel coated with 100% polyester | | | | | | | |
| Side and front panels | Synthetic glass Thickness adapted for the user protection against rays (Bêta) ³² P Phosphorus: 10mm | | | | Synthetic glass 8 mm | Synthetic glass 6 mm | | |
| Fan module | X | Injected polypropylene | | | | | | |

Equipment & Options

- Molecular filter : Carbon filter for the asorption of ambient air VOCs
- Rolling cart made of anti-corrosion metallic alloy
- Metallic fixed bench with possible integration of utilities upon request (taps, electrical sockets, sinks, etc.)
- Work surfaces: in tempered glass, in Trespa® Top Lab^{PLUS}, or in stainless steel 304 L

Erlab

Inventor of the ductless laboratory fume hood and worldwide leader since 1968, Erlab's passion is to focus on the research & development, design, and manufacturing of cutting-edge toxic gas air filtration in the laboratory.

As an innovator, Erlab is committed to safety, performance, energy efficiency and sustainability and has remained number one in the world for ductless fume hoods since 1968 with more than 100 000 units in operation.

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