Simpler Safer

Captair Bio

PCR workstations

Complete protection for RNA/DNA procedures

Captair bio
PCR workstations

Filtration technology provides an ultra clean atmosphere

UV decontamination: 254nm wavelength UV light Set timer from 1 to 30 minutes

Enclosure with 10 mm thick synthetic glass is designed to protect users from harmful UV rays and β (Bêta) emitted from isotopic labels* such as: T(^{3}H), ^{14}C, ^{32}P

The sash automatically shuts off the UV lamp when opened.

Utility ports

Work surface : stainless steel 304 L or tempered glass

Benches fixed or rolling

Large opening for easy access to your work

Bright internal lighting

Typical Applications: :

- Sample preparations before thermal cycling
- Post PCR DNA sequencing revelation / separation
- Invitro fertilization
- Cellular cultures
- Vegetal biology
- Preparation of sterile solutions

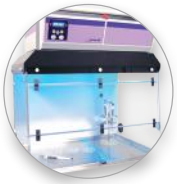
*The use of radionuclides requires a specific risk assessment

Protect your samples from cross-contamination

The CaptiarBio PCR workstation features a HEPA H14 filter, stainless steel work surface, and a UV light with a timer that provides the proper sterilization to protect your samples from contamination. To protect the user from exposure to UV rays, the UV light automatically shuts off when the sash is opened.

Filtration

Protected against external contamination



UV decontamination

Prevents your samples from cross contamination risks

Features

- New enclosure design - from 80 cm to 1,8 m
- Stainless steel worktop with a built in spill tray
- Rolling or fixed bench available
- No ductwork needed
- Easy to reloate

Powerful UV decontamination

- Prevents your samples from cross contamination risks
- 254 nm UV lamp power
- Adjustable timer
- Automatic UV lamp cut off switch in case of an unexpected front door opening during enclosure decontamination

Ultra-clean environment

- 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
- Optional carbon filter can be added to protect handlings from VOCs present into the laboratory air

Very low energy consumption

- Maximal consumption of 150 W

Specifications

320

321

391

712

Model	320	321	391	712
External Width (mm / in)	825 / 32 1/2	820 / 32 1/4	1030 / 40 1/2	1770 / 69 3/4
External Depth (mm / in)	630 / 24 3/4	630 / 24 3/4	630 / 24 3/4	630 / 24 3/4
External Height (mm / in)	647 / 25 1/2	885 / 34 7/8	945 / 37 1/4	945 / 37 1/4
Air Flow	N/A	200 m^3/h	240 m^3/h	428 m^3/h
Voltage / Frequency	80-230V/50-60Hz	80-230V/50-60Hz	80-230V/50-60Hz	80-230V/50-60 Hz
Energy consumption	18W	75W	75W	150W
Side and front panels	Enclosure in 10 mm thick synthetic glass is designed to protect users from harmful UV rays and β (Bêta) emitted from isotopic labels such as: $T(^3H)$, ^{14}C, ^{32}P			

Filtration

Filter HEPA H14	This filtration technology traps particles larger than 0.1 µm with 99.995% efficiency, according to the MPPS method set forth in the EN 1822-1 standard.
Molecular filter (optional)	Capture dangerous fumes present in the lab air by adding a carbon filter to your PCR workstation AS : For organic vapors - BE+ : For organic vapors and acid vapors F : For formaldehyde vapors - K : For ammonia vapors
Particular Pre-filter (optional)	Protect HEPA and molecular filters from dust contained in the laboratory environment

Equipment

Digital control panel (except 320)	Flow monitor, UV Cut-off, UV Timer
Bactericidal UV Lights	15W - Wavelength : 254 nm
Internal lighting	Compact fluorescent lighting - 18 Watts - 500 Lux - IP 67

Optional Equipment

Benches	Rolling or Fixed
Work surface	Tempered glass / Stainless steel 304 L

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