

AURA PCR™

DNA CARRY-OVER BLOCKING CABINETS: Special tools for specialists.

Technical Specifications

- **Passive (non-ventilated) PCR cabinet.**
- **Automatic switching from UV-neutralising mode to operational mode (fluorescent light)**
- **Easy to use 60 min timer with 1 min intervals.**
- **Fully transparent work chamber, (robust and safe 6mm tempered glass)**
- **100% UV-safe work chamber**
- **3-sectors hinged front window**
- **Internal hinged glass shelf for higher comfort and maximum space availability**
- **Polyethylene work surface for the highest chemical resistance**
- **Manufactured and tested according to machine directives 89/392EC, 89/336EC and EN61010-1**



AURA PCR™ Cabinets are supplied in one size only (width 650mm).

These state of the art PCR cabinets are specially designed for pre-amplification sample preparation in controlled environment in order to prevent DNA carry-over.

Any aerosol generated during the handling of the post amplification samples can not enter the cupboard; any molecule of DNA herein contained is subsequently neutralised with the help of UV radiations.

Operating mode: AURA PCR is a very easy-to-operate cabinet. When the normal working procedures have been completed, the tempered glass front panel is closed and a timer is activated in order to expose all internal surfaces and tools to UV radiation for a preset period of time.

The outer tempered glass body of AURA PCR, acting as a filter to UV radiations is safely protecting the external environment from dangerous exposure of personnel to those radiations.

The PCR cabinet complies with machine directives 89/392EC, which include the electromagnetic compatibility "EMC" according to 89/336EC.

The cabinet also complies with safety requirements for electrical equipment for laboratory use as per EN 61010-1. provide an ultimate cleanliness Class 100 work area where the highest safety for the products is achieved.

A complete and user friendly tool for the protection of highly sensitive procedures that only experienced European design with over 35 years of know how and accurate quality manufacturing, can provide.

Main specifications

1. AURA PCR is a DNA carry-over blocking cabinet, preventing cross-contamination inside the working chamber and for the neutralisation of DNA fragments contained in aerosols herein generated.
2. Operating mode: at the end of the procedure, the operator will close the front window, automatically starting the UV-neutralising mode. When the pre-set neutralisation cycle has been completed the timer will automatically start the operational-mode (fluorescent lights).
3. Electrical equipment according to International Standards and EMC directives
4. Lighting > 600 lux
- 5.
6. Cabinet outer surfaces made of cold rolled steel with paint finish
7. Working surface made of grade 3 stainless steel (304). Pre-punched holes for the easy installation of retrofit options.
8. Side panels in tempered glass
9. Micromesh membrane on HEPA filter downstream surface for perfect airspeed distribution
10. CE marked
11. Silent and quite operation <59dB(A) due to the highly vibration-free suspensions of the fan(s).

Technical Features [AURA PCR™](#)

Overall dimensions (LxDxH)	650 x 545 x 730 mm
Weight:	25 kg
Power supply:	230 V - 50Hz
Installed Power	100 W
Lighting:	> 600 lux

How to order

Code	Item
PC 10000	AURA PCR work station passive

Please for further information contact:

Elisa Marchini
Customer Service
Euroclone S.p.A.
Bioair Division
Via Lombardia 12
I-27010 Siziano (PV)
Italy
Tel: +39 02 38195538
Fax: +39 02 38195230
E-mail: emarchini@euroclone.net
Internet: www.bioair.net www.euroclone.net