

AURA PCR™ DNA CARRY-OVER BLOCKING CABINETS

Cod. PC10100

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



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 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.

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 turn off the UV light.
3. Fluorescent light turn on automatically when opening the front glass or when UV lights turn off (user selectable)
4. Digital timer for UV lights with memory of the last setpoint
5. Electrical equipment according to International Standards and EMC directives
6. Lighting > 600 lux
7. Cabinet upper part made of painted steel.
8. Working surface made of polyethylene
9. Side panels made of tempered glass (6mm thick)
10. CE marked

Technical Features **AURA PCR**

Overall dimensions (LxDxH)	650 x 545 x 730 mm
Weight:	25 kg
Power supply:	230 V - 50/60Hz
Installed Power	60 W
UV tubes:	3x15W
Lighting:	> 600 lux

How to order

Code	Item
PC 10100	AURA PCR work station passive – 50/60hz