

# AURA PCR™

DNA carry-over blocking Cabinets: Special tools for specialists

## Characteristics

- 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 6 mm 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 650 mm). 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 cannot 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.

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.

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## Main Specifications

1. AURA PCR™ is a DNA carry-overblocking 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. Cabinet upper part made of painted steel.
6. Working surface made of polyethylene
7. Side panels made of tempered glass (6 mm thick)
8. CE marked



## Technical Features

Working area	622 x 500 x 600 mm
Overall dimensions (LxDxH)	650 x 545 x 730 mm
Weight	25 kg
Power supply	230 V -50 Hz
Power requirement	60 W
Lighting	>700 lux

