



**User manual  
PCR  
+  
Assembly instructions**

**Type PCR  
6-9-12**

## Summary

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## I – GENERAL

The PCR hood allows DNA to be handled for amplification in a closed area free of any enzymes capable of degrading the fragment to be amplified by UV light.

UV light denatures DNA contaminants, thereby preventing cross-contamination. The glass ensures complete containment and protects the operator from UV rays.

The PCR hood can be placed on a workbench.

## II – CONSTRUCTION

The PCR hood consists of:

- a glass chamber
- a casing covering the entire unit.

The lower part consists of a safety glass volume, composed of panels fixed to each other by stainless steel supports. The arm passages are sufficiently sized to allow for all types of handling.

The upper part consists of a Coplast box with a UV lamp and lighting.

On the front panel:

There will be two on/off buttons,

- one for the UV lamp
- the other for the lighting (daylight).

A 0 to 60-minute timer switch will turn on the UV lamp for the desired period of time.

### GLASS VOLUME

Made of safety glass (UV protection)

Assembled with stainless steel supports and chrome screws

### CASE

Made of Coplast-type expanded PVC, UV resistant

## III – EQUIPMENT

➤ **UV germicidal lamp.**

Controlled by Chrono-Switch Adjustable from 0 to 60 minutes, accessible at the front with protective fuse

➤ **Lighting.**

Controlled by a switch accessible at the front with protective fuse

## IV-OPTIONS

- UV life limiter
- Front closure panels
- Extension (max. 200 mm)
- Base + worktop

## V -Dimensions

	PCR 6	PCR 9	PCR 12
Width (mm)	600	900	1200
Useful height (mm)	495		
Depth (mm)	590		

ADS Laminaire reserves the right to modify component references

## VI – Assembly instructions with shutter (optional)



