

# aura mini

Laminar downflow workstation

**BIOAIR**<sup>®</sup>  
a EuroClone<sup>®</sup> Division

No compromise when space is at a premium.

The special design of the AURA MINI allows a safe manipulation of sterile products, with an inward air barrier which increases operator safety. Outward barrier mode and active mode PCR configurations are available.



- Cell culture
- Molecular biology and PCR application
- Food industry
- Assembly of optical and electronic components

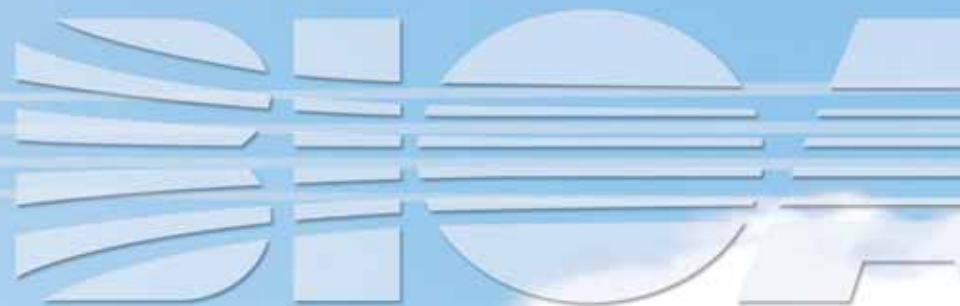
This unit is a partially recirculating downflow cabinet with air being filtered by an HEPA (H14) filter with 99.999% efficiency on 0.3 $\mu$  particles, before entering the work area at speed of 0.45m/sec; this ensures a Class 100 environment throughout the work area. Two configuration are available: inward air barrier and outward air barrier, that can be easily chosen by a simple mechanical operation.

**INWARD air barrier.** In this configuration an air barrier is pulled through the front opening and recirculated with the downflow air by a motorblower. 70% of the air is returned to the work area through the main HEPA (H14) filter and 30% is exhausted into the environment through a Filtrete<sup>®</sup> airfilter with gravimetric efficiency of 99% on 3 $\mu$  particles. In this configuration an excellent product protection is ensured, as well as an outstanding containment.

**OUTWARD air barrier.** In this case the air is pulled through the Filtrete<sup>®</sup> airfilter, mixed with the incoming recirculating air and then filtered through the main HEPA (H14) filter into the work area here 30% of the air is exhausted through the front opening and is recirculated. This configuration ensures the highest product protection.

The AURA MINI has been designed and tested for the following applications:

- Sterility testing
- Cell culture
- Molecular biology
- Drug preparation
- PCR in active ventilated mode and with UV light and timer option
- Food industry
- Assembly of optical and electronic components
- Any other application where the protection of the product through sterility is required. (WARNING: not to be used in conjunction with pathogens)



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- Centrifugal Motorblower
- Soft-touch keys on the control panel provide control of fan and lighting
- Elapsed time-meter
- HEPA filter manufactured in accordance with EN 1822, with collection efficiency higher than 99,999% on 0,3 $\mu$  particles, DOP tested.
- Exhaust filter with gravimetric efficiency of 99% on 3 $\mu$  particles.



- Removable perforated work surface and back wall of the work chamber made of AISI 304 stainless steel
- Front and side panels in tempered glass
- Standard features includes: fluorescent lamps, elapsed time meter, UV socket, hinged front window.
- Electrical equipment according to International Standard and EMC directives.
- UV lamp as option



front



side

### TECHNICAL SPECIFICATIONS

Work chamber dimensions (wxdxh):	750 x 430 x 480 mm
Overall dimensions (wxdxh)	820 x 580 x 790 mm
Weight	57 Kg
Power supply	220/240V - 50Hz
Power	250 W
Noise level	< 52 d B [A]
Lighting	800 lux

How to order	
<b>LV30000</b>	Aura Mini with front closure panel
Stand, UV lamp and Front Closure	
<b>AK30000</b>	UV - Lamp fitted on the front metal closure panel (w/o timer)
<b>AK30100</b>	UV - Lamp fitted on the front metal closure panel with timer for PCR application
<b>AS60000</b>	Support Stand with castors
Optional utilities	
<b>AP80001</b>	Installed Additional power point
<b>AP90001</b>	Installed Additional vacuum tap

EuroClone S.p.A. reserves the right to change product specifications without prior notice

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 Euroclone S.p.A. has a Quality System certified Dasa Raegistrer spa in compliance with UNI EN ISO 9001 (2000)