

AURA HZ

**Horizontal laminar air flow cabinet class 100 for product protection.
 HZ cabinets are designed according to the most advanced electronic and aerodynamic technologies in order to ensure a Contamination Controlled Environment of the highest quality**

Main applications for AURA HZ are:

- Media preparation
- Plant and animal tissue culture
- Pharmaceutical preparations
- Assembling of optical or microelectronic components
- Micromechanics

**LAMINAR AIRFLOW
 CABINET
 CLASS 100 HORIZONTAL**



Automatic air control: AURA HZ is a horizontal laminar air flow cabinet, Class 100, for product protection from external contamination and cross-contamination inside the working chamber. The air speed is, for the highest product safety, permanently controlled.

An integral vane anemometer is installed in the unit as a standard option.

Venturi-effect side walls: special tempered-glass side walls are installed inside the air flow, to prevent any leakage from the outside.

Operating mode: the air flow, leaving the HEPA filter at a constant speed, produces an extremely clean - better than Class 100 - environment in the work area, preventing any contamination to enter from the ambient outside.

High efficiency washable polyurethane prefilters remove coarse particles before the air reaches the HEPA filter.

- Electrical equipment according to International Standards and EMC directives
- Lighting > 800 lux
- Noise level < 60dB(A)
- Electronic control air speed
- Centrifugal motorblower
- Bargraph display for air speed value
- Soft touch keys on the control panel provide control of the lighting, motorblower, UV light.
- Visible and acoustic alarms are provided for air speed alarm and filter clogging.
- Two sizes to satisfy all applications
- Cabinet outer surfaces made of cold rolled steel with paint finish
- Working surface made of grade 3 stainless steel
- Side panels in tempered glass
- HEPA filter manufactured in accordance with MIL-F51068 and BS-3928, with an efficiency higher than 99.999% on 0.3µ particles, DOP tested
- Micromesh membrane on HEPA filter downstream surface for perfect airspeed distribution
- CE marked

	HZ 48	HZ 72
Work chamber dimensions (lxdxh)	mm 1120x610x732	mm 1730x610x732
Overall dimensions (lxdxh)	mm 1350x1063x1353	mm 1960x1063x1353
Weight	128 kg	194 kg
Power supply	230V - 50Hz	230V - 50Hz
Power requirement	0,42 kW	0,8 kw
Noise level:	< 60 dB	< 60 dB (A)
Lighting	> 700 lux	>700 Lux

HOW TO ORDER

Codice	Item
LH20000	AURA HZ 48 Stainless steel work surface
LH30000	AURA HZ 72 Stainless steel work surface

ACCESSORIES FOR AURA HZ MODELS

Code	Item
AS22000	Support stand for Aura HZ 48
AS23000	Support stand for Aura HZ 72
AZ32001	Double tap for vacuum
AZ31001	Single tap for vacuum
AZ32000	Double tap for gas
AZ31000	Single tap for gass
AZ60000	Double power point
AZ61000	Single power point
AC10000	Drawer for all models of Aura HZ