

VERTICAL LAMINAR
AIRFLOW CABINETS

the new
generation
LS-90



laminar air flow systems

the new generation LS-90

LS-90 unit is compact vertical laminar airflow cabinet especially designed to meet specific requirements of electronics, pharmaceuticals, optical and biotechnology laboratories, primarily when handling cell cultures and non-hazardous biological agents or whenever product protection is needed.

It is used in a wide range of disciplines, including: microbiology, sterility tests, cell culture, sterile manipulations, DNA work/thermal cycling/PCR.

LS-90 is equipped with a special closing panel placed on top of the unit which allows setting from positive to negative pressure working mode.

TECHNICAL SPECIFICATIONS

Construction materials

- ✓ Body structure: epoxy cold rolled painted steel coated with antimicrobial coating
- ✓ Work surface: AISI 304L stainless steel in one piece and perforated
- ✓ Screen: hinged safety glass front window; side screens are made in stratified glass with holes for installation of possible taps

Filtration

- ✓ Main filters: G3 pre-filter on top of the cabinet and low pressure drop H14 HEPA/ULPA filter with efficiency of 99.995 % MPPS as per CEN EN 1822
- ✓ Air cleanliness in Class ISO 3, according to ISO 14644-1

Ventilation

- ✓ Provided by single Alternative Current motor blower

Outlet standard fittings

- ✓ Electrical socket
- ✓ Fluorescent lamp
- ✓ DOP port

Options available

- ✓ Additional service taps and electrical sockets
- ✓ UV light fixed on aluminum night door closure
- ✓ Epoxy powder coated modular stand (available with castors upon request)
- ✓ Automatic Regulator with full Digital Display and Anemometer
- ✓ Stainless steel hanging bar
- ✓ Differential pressure gauge
- ✓ Kit Biohazard



TECHNICAL SPECIFICATIONS

Description	Unit	LS-90
Overall Dimensions WxHxD	mm	830x925x652
Useful Dimensions WxHxD	mm	732x580x380
Light	Lux	600
Noise level	dB(A)	53
Power	Kw	0,20
Supply	V/Hz	220-230/50
Weight	kg	75

