

HORIZONTAL LAMINAR  
AIRFLOW CABINETS

the new  
generation  
OS-N



laminar air flow systems

horizontal laminar airflow cabinets

# the new generation

## OS-N

OS-N unit is horizontal laminar air flow cabinet conceived to guarantee product protection during manipulation of non-pathogenic agents. The horizontal laminar flow creates a sterile environment inside the working chamber and it guarantees the product protection from the external and cross contamination.

The main applications are sterility test, microbiology, In vitro fertilization, preparation of ophthalmic solutions, preparation of culture media, assembly of electronic devices, nutritional parenteral therapy, assembly of medical devices



### TECHNICAL SPECIFICATIONS

#### Construction materials

- ✓ Body structure: epoxy cold rolled painted steel coated with antimicrobial coating.
- ✓ Work surface: AISI 304L stainless steel in one piece.
- ✓ Screen: frontal closure shutter on request, side screens are made in safety glass with 2 holes/each side for installation of possible taps

#### Filtration

- ✓ Air cleanliness in class ISO 3, according to the ISO 14644-1.
- ✓ 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

#### 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 with PVC shutter to close the front opening
- ✓ Epoxy powder coated modular stand (available with castors upon request)
- ✓ Automatic regulator with digital display and anemometer
- ✓ Stainless steel hanging bar
- ✓ Differential pressure gauge

### TECHNICAL TABLE

Description	Unit	OS-N 3	OS-N 4	OS-N 5	OS-N 6
Overall Dimensions WxHxD	mm	945 1195x925	1250 1195x925	1555 1195x925	1860 1195x925
Useful Dimensions WxHxD	mm	885 734x600	1190 734x600	1495 734x600	1800 734x600
Working aperture	mm			735	
Weight	kg	104	122	171	194
Noise level	dB(A)			<60	
Electrical Supply				1Ph+E-230V 50Hz	
Power	Kw	0,70	0,90	1,40	1,40

