

HORIZONTAL LAMINAR AIRFLOW BENCH

WOLF OS

FOREWORD

The OS horizontal laminar air flow benches are the most advanced alternative to sterile rooms, providing highly decontaminated working areas.

Sterile horizontal benches are constructed in epoxy powder painted steel. They provide Class 100 air according to Federal Standard 209e and therefore they protect the product from micro-organisms and airborne contaminants.

APPLICATIONS

OS horizontal laminar airflow benches can be used in a wide range of disciplines, including:

- Sterile manipulation
- Sterility tests
- Microbiology
- Preparation of ophthalmic solutions
- Preparation of culture media
- Assembly of equipment
- Floriculture
- TPN preparation
- Medical device assembly



SPECIFICATIONS

Construction: Corrosion resistant epoxy powder painted steel

Work Surface: AISI-304 stainless steel

Transparent side walls: safety glass

Absolute filter: HEPA filter, tested with D. O. P aerosol. Its efficiency, higher than 99.995% MPPS -0.005% penetration -ensures performance exceeding requirements of EN1822, U. S. Federal Standard 209 e, British Standard 5295, VDI-2083 and AS 1386-1979.

Pre-filters: synthetic fibers pre-filters washable in water or with compressed air, average arrestance 80/90%ASHRAE (CENG3); dust holding capacity 400 g/m².

Motor-blower (s): direct coupled motor (s), electronic speed controlled to maintain a constant air flow of 0.45 m/sec, and compensate for a partially clogged filter, up to a maximum plenum pressure of 40 mm of water.

Power supply: 230 V -50 Hz, single phase.

Lighting: fluorescent lights installed on the anterior part of the ceiling.

Code	Model	Useful dimensions mm			Overall dimensions mm			Power	Weight
		W	H	D	W	H	D	Kw	Kg.
O74 500300	OS-3	885	735	600	945	1260	925	0.32	95
O74 500305	OS-4	1190	735	600	1250	1260	925	0.33	128
O74 500310	OS-5	1494	735	600	1554	1260	925	0.64	173
O74 500315	OS-6	1800	735	600	1860	1260	925	0.66	188

π ACCESSORIES:

Code	Description
O74 704020	Epoxy powder painted modular stand for OS-3
O74 704040	Epoxy powder painted modular stand for OS-4
O74 704060	Epoxy powder painted modular stand for OS-5
O74 704080	Epoxy powder painted modular stand for OS-6
O74 700560	UV Lamp for OS-3 with PVC shutter
O74 700570	UV Lamp for OS-4 with PVC shutter
O74 700580	UV Lamp for OS-5 with PVC shutter
O74 700590	UV Lamp for OS-6 with PVC shutter
O74 700790	Differential Pressure Gauge
O74 700780	Hour Counter
O74700740	Digital anemometer
O74 700750	Digital anemometer and automatic regulator
O74 709076	D.O.P. inlet
O74 700770	Service connection for electrical power
O74 700761	Srvce connection for gas/vacuum (manual tap)