



VERTICAL LAMINAR FLOW WITH RECIRCULATION

Model VGS R

CARACTERÍSTICAS

- Vertical laminar flow with recirculation, to provide complete protection to the work material. Equipped with a centrifugal blower, protected against overloads and extraordinarily quiet.
- The air previously is prefiltered through a G3 prefilter and subsequently it is filtered by an absolute HEPA H14 filter (effective 99.995% MPPS normative en1822) and It is sent to the work area at a speed of $0.50 \text{ m/s} \pm 0.1$.
- Work area maintains laminar flow conditions is ISO 4 type air purity (according to ISO 14644) ó Class 10 (according to Fed. Std. 209).
- Work surface constructed of AISI 304 stainless steel.
- Sliding and motorized front glass.
- Microprocessor-controlled cockpit with upgradeable FLASH memory and external display for easy visualization of cabin control parameters (speeds, flow rates and PLENUM pressure).
- The cockpit is equipped with an easy-to-use touch panel for/ultravioleta white lighting control, internal electrical outlet, gas valve (optional) and parameters.
- Automatic electronic speed regulating system of the Engine to adapt to the progressive saturation of the filter and protection conditions.
- Fluorescent and ultraviolet lighting.



Working voltage 220 V 50hz. Maximum current consumption 2 A. (approx. 500 W)

Standard the cockpit includes light UV;
Electrical outlet of 220 Volt.

Optional accessories:

Vacuum and gas intake
Support Table



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TECHNICAL SPECIFICATIONS

MODEL	VGS-1300 R
Working Zone Dims (mm)	1200 x 640 x 600 (WxD xH)
Overall Dims (mm)	1305 x 830 x 1350 mm (W x D x H) 1305 X 830 X 2180 with table support
Net Weight (kg)	200
Height Support Table Standard	830 mm
Material	Work area and work surface made of stainless steel AISI 304
Control System	Cabinet controlled by microprocessor with updateable FLASH memory
Display	LCD display
Main filter	HEPA H14 filter with 99,995 % efficiency at 0,3µm EN1822
Laminar flow speed	0,30 -0,50 m/s
Air Qualification	Class 10 (ISO 4)
Frontal Glass	sliding by electronic control, double layer toughened glass
Side Glass	YES
Noise Level	≤ 60 db
Lighting	> 1000 lux
UV lamp	1 X 30 W
Power	220 v, 50/60 hz (650W)
Compliance	UNE EN ISO14644

ORDERING INFORMATION

CODE	Description
425-VGS -1300 R	VERTICAL LAMINAR FLOW with Recirculation model VGS1300R



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