lab2b

an ozone generator designed specifically for laboratory research

- Variable ozone output up to 10g O^3/h
- Operate under vacuum or at maximum pressure of 10psi
- Feed gas: air or oxygen
- Compact dimensions
- Illuminating switches indicate ozone production and faults
- Air cooled
- O&M manual included with performance graphs
- Full 12 months warranty
- Technical backup facilities
- Additional LAB2B units can be added for larger ozone output (optional).

suez

lab2b

ideal for laboratory applications

description

The LAB2B ozone generator is a small air-cooled unit specifically designed for bench use incorporating function indicators, feed gas flowmeter and variable output control.

Output variation is manually adjustable using a control knob mounted on the front panel.

Operating on various feed gases such as dried air or oxygen, LAB2B is capable of producing concentrations up to 10% volume.

Ozone is produced when dry air or oxygen gas is passed over the ceramic dielectric of an ozone-generating module, which is powered by a high voltage/high frequency power board.

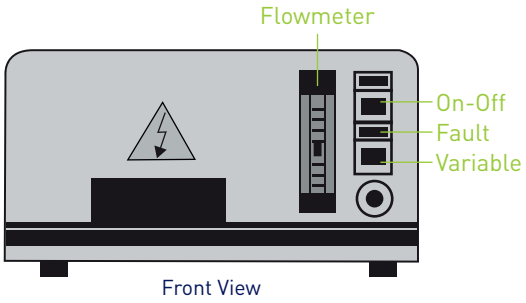
The electronic power board is designed for either intermittent or continuous operation.

The ceramic dielectric is housed within a finned heat sink block, which is air-cooled by fan assisted atmospheric air.

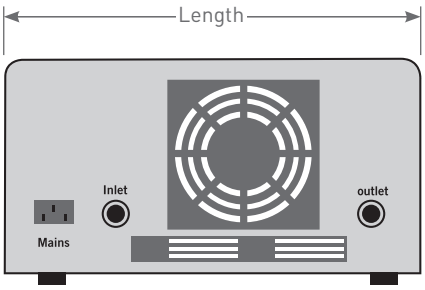
technical specifications

Unit Specification		
Length (mm)	350	
Height (mm)	160	
Width (mm)	300	
Weight (kg)	6	
System Specification		
Ozone output*	4.0 g/h	0.14 lb/h
Ozone output**	10.0 g/h	0.35 lb/h
Feed gas flow rate	4-10 l/min air	2-5 l/min oxygen
Variable output control (%)	15-100	
Power supply (V/ph/Hz)	230/1/50 or 115/1/60	
Power consumption (W)	105	

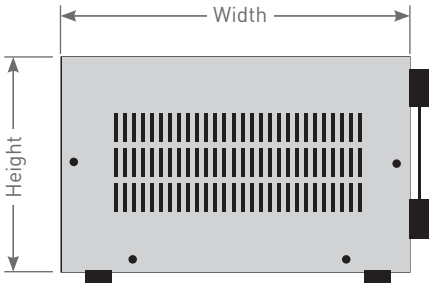
* Feed gas: Dry Air-60°C Dewpoint
** Feed gas: 100% Oxygen



Front View



Rear View



Side View

contact

Water Purification Systems

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ISO 14001
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Certification