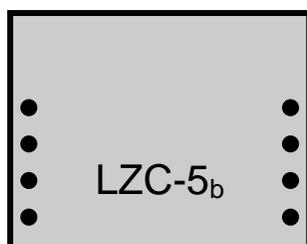

Luzchem Photoreactor Model LZC-5_b

Luzchem's LZC-5_b photoreactor is a basic model with side irradiation, designed for use with liquid samples. Fan and exhaust lines are provided; the exhaust is only needed when using UVC (254 nm) lamps. One set of safety goggles is supplied. Bulkhead connectors for gases are standard. Several accessories and customized lamp arrangements are available.



Configuration:



The LZC-5_b photoreactor is equipped for upto 8 lamps (4 on each side) for side irradiation, controlled by 2 switches.

Unit Specifications:

Dimensions:	<i>External:</i> 18" wide, 21" deep (with exhaust) and 16.5" high (46 x 53 x 42 cm) <i>Internal:</i> 12" wide, 12" deep and 8.5" high (30 x 30 x 22 cm)
Weight:	24 lbs. / 11 kg
Power Rating:	110 VAC/220VAC,, 50/60 Hz cycle, 3 Amps Ships with North American-style power cable
Housing Material:	<i>External:</i> Stainless Steel <i>Internal (chamber):</i> Al 5052-H32 (aluminum alloy)
Ambient Temperature:	Must be between 10 °C and 35 °C
Chamber Temperature:	Maintained to 3-4 °C above room temperature
Humidity:	Must be between 0% and 95% (non-condensing)

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Lamps: All lamps and accessories for the LZC-5_b photoreactor are sold separately. See separate sheet for the specifications for available lamps.

Options Included:

Option	Specifications
Gas inlet	<ul style="list-style-type: none">• Rear mounted bulkhead gas connector• Only recommended for non-flammable, non-toxic gases• Gas should not dissipate in the chamber, should be used with environmental chamber only.
Hour Meter	<ul style="list-style-type: none">• Built-in to the unit• Keeps track of the number of hours the unit has been in operation
Safe Exhaust	<ul style="list-style-type: none">• Material: PVC• Exhaust tube provided (aluminum): 4" diameter, max length: ~ 8'• Built-in fan: 3100 RPM, Airflow: 110 CFM
Safety Interlock	<ul style="list-style-type: none">• Turns off lamps when door is open• Indicator LED's signal if the door is open and if power is running to the lamps
UV Protecting Goggles	<ul style="list-style-type: none">• Yellow safety goggles, with 400 nm cut-off

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