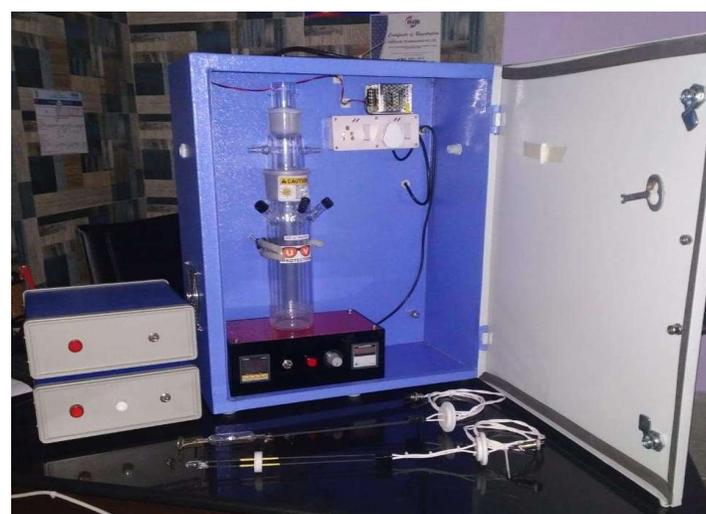
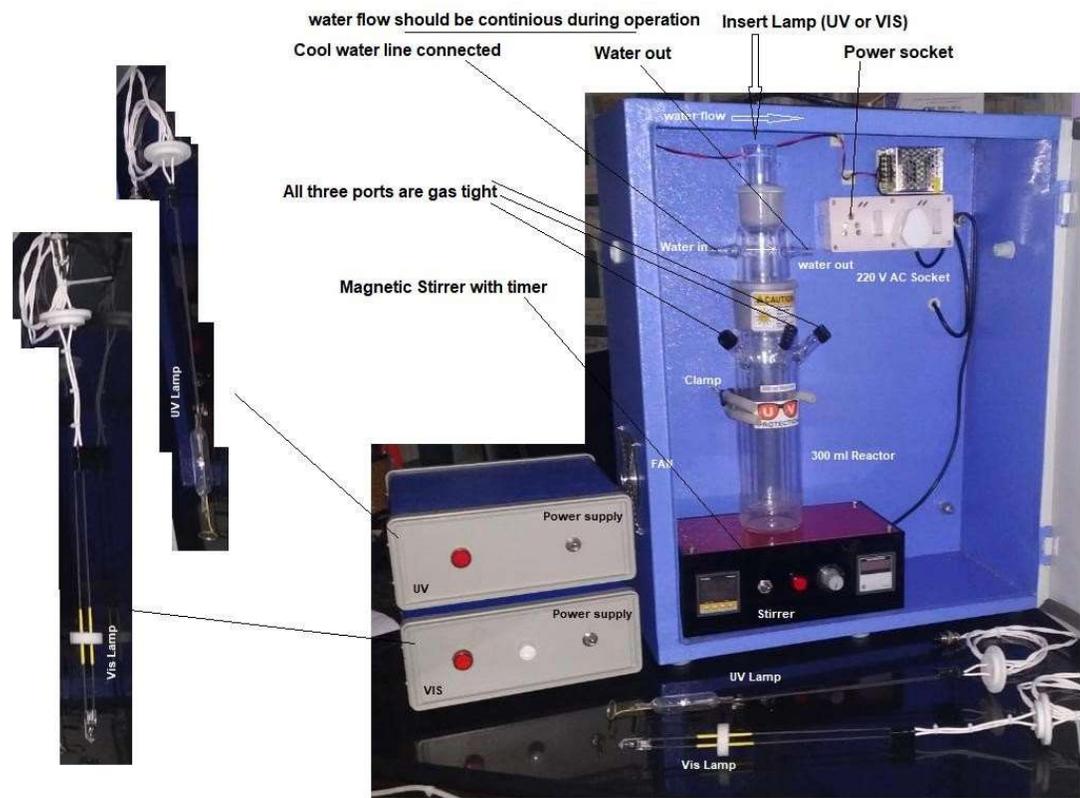


## Photo Catalytic Reactor



### Components of the Reactor:



## Technical Specification

S. No.	Title	Specifications
1	Reactor	Photo catalytic Reactor with triple jacketed with 3 port to insert (i) catalyst (ii) Sample draw (iii) for additional use like temperature sensor etc.
2	Protection Cabinet	UV Protection Cabinet MOC: MS Powder Coated
3	<b>Connection:</b>	Grounded
4	<b>Voltage</b>	220 - 240 V
6	<b>Frequency</b>	50 Hz
7	<b>Power (Max):</b>	500 W
8	Material of Construction	<ul style="list-style-type: none"> <li>• Most Inner Jacket made of Quartz, Outer jacketed made of borosilicate</li> <li>• Extra cooling jacket for water circulator with two port inlet and outlet</li> <li>• inner jacketed quartz immersion well</li> </ul>
9	PHYSICAL Dimension	Suitable for max 300 ml; sample
10	Magnetic Stirrer	Digital Magnetic Stirrer with timer
11	ENVIRONMENTAL	Operating Temperature: 15 °C – 50 °C Max. Relative Humidity: 80 %
12	Chiller Circulator	Chiller Circulator, minimum temperature 5 °C, Flow Rate 6 LPM (Optional)
13	Source Lamp (i)	VIS Lamp 100 watts
	Power supply	Power supply VIS Lamp 100 watts
14	Source Lamp (ii)	UV Lamp 250 watts high pressure mercury lamp
	Power supply	Power supply UV Lamp 250 watts
15	Source Lamp	Optional

## Instrument Components

The Photo catalytic Reactor components and operating controls are shown below:

- Power supply
- Lamp source UV
- Lamp source VIS
- Power supply UV
- Power supply VIS
- UV Protection Cabinet
- Circulation connection
- Magnetic Stirrer



**Manufacturer of Laboratory & Industrial Products**

*Photocatalytic Reactor, Light Bock Reactor, Essential oil distillation system, Multi stage Distillation system, Forward and reverse Osmosis Plant, Photo chemical Reactor, Glove Boxes, Autoclave Fume Hoods, PCR Cabinet, Isolators, Solvent Purification Systsems. etc.*