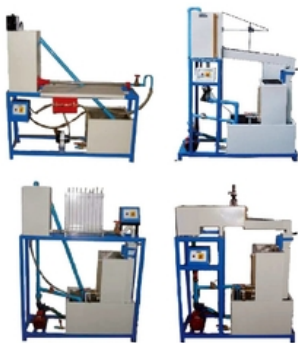


## UV Photo Reactor



**Product Categories:** [Chemical Reaction Engineering Lab](#), [Engineering Equipment](#)

**Product Page:** <https://www.labappara.com/product/uv-photo-reactor/>

### Product Description

#### UV Photo Reactor

#### **Description:**

The Set-Up Is Used To Study A Photo/Photo catalyst Reaction Using A UV Source Provided In The Form Of An UV Tube. This Set-Up Can Be Used To Carry Out A Parameter Study Under Batch/Continuous Flow Condition. A Photo Catalyst Like  $TiO_2$  Can Be Used. This Set-Up Can Also Be Used To Study The Mineralization Of Liquid Effluent Industrial Streams & For Purification Of Water. The Set-Up Consists Of Reactor With Inside Reflecting Surface. An UV Source Surrounding Glass/Quartz Cylinder Is Placed Centrally In The Reactor.

#### **Technical Details:**

Uv Source : 30 W / 16 W

Reactor: With Inside Reflective Surface. Effective Volume Of Reactor 1 1.5 Ltrs

Feed Tank: Material Stainless Steel, Capacity 5 Ltrs

Feed Circulation: Magnetic Pump Made Of Polypropylene. Maximum Working Temperature Is  $80^{\circ}C$

Flow Measurement : Rota-meter

Sampling Points Are Provided At Inlet & Outlet Of Reactant Line. Control Panel

Comprising Of: Standard Make On Off Switch, Mains Indicator, Fuse, Power Supply  
To UV Source