

Photochemical Reactor



Model No.:
PR01-AS1

Seamless Scale-Up: Transition your process from lab-size to industrial-size with guaranteed results. Expert Engineering: Design and engineering of advanced photochemical reactor systems. HAZOP Compliance: Ensuring safety with meticulous monitoring of tightness, cooling, and safety seals. End-to-End Solutions: From manufacturing and installation to commissioning, we cover it all. Photochemical Process Consulting: Tailored guidance for optimizing your photochemical reactions. Advanced Simulations: Utilize physical and fluid dynamics simulations for precise calculations. Optical Measurements: Perform accurate optical measurements to enhance process efficiency. Laboratory and Pilot Tests: Conduct thorough tests with our 5-liter and 50-liter reactors. Seamless Scale-Up: Expert scale-up and process engineering for reactor design. Cutting-Edge Reactor Modeling: Employ state-of-the-art CAE methods, including CFD and FEM. Reactor Engineering Excellence: Innovative reactor engineering for optimal performance. Turnkey Solutions: Complete delivery, installation, and commissioning of your photochemical reactor

Technical Specification	
Accessories	Clamp Based Holding Stand ,UV Light Protected Goggle
Type of Reactor	Tapered
Material of Immersion Well	Quartz
Tripled Jacketed Reactor Capacity	500 milliliter
Material of Outer Jacket	Borosilicate Glass
Safety Cabinet Type	Advance
No. of Ports (in outer jacket)	3
Warranty	12 month
Magnetic Stirrer	Yes
Chiller Working Temperature	25 degree Celsius
Magnetic Stirrer (RPM)	1200
Power Supply	250 Watt
Chiller Capacity	Half
Safety Cabinet Size (HxWxD) (mm)	950 x 550 x 575
Type of Lamp	Medium Pressure Mercury Lamp (UV Lamp)
Temperature Indicators	Yes
ISO certification	Yes



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