ADVANCE SCIENCE

INNOVATION | PRECISION | PERFORMANCE

PHOTOCHEMICAL REACTOR

MODEL NO. AS-PCR-500



Advance Science Photochemical Reactor is a high-performance laboratory system designed for photochemical research, degradation studies and advanced oxidation processes. It provides safe, efficient and reliable operation with a UV light source and jacketed reactor system for precise temperature control.

- EFFICIENT PHOTOCHEMICAL REACTION
- SAFE OPERATION
- STURDY & DURABLE CONSTRUCTION
- TEMPERATURE CONTROL
- UV LIGHT SOURCE
- WIDE RANGE OF APPLICATIONS

TECHNICAL SPECIFICATIONS

Parameter	Specification
Type of Reactor	Threaded
Material of Immersion Well	Quartz
Tripled Jacketed Reactor Capacity	500 milliliter
Material of Outer Jacket	Borosilicate Glass
Type of Lamp	Medium Pressure Mercury Lamp (UV Lamp)
Safety Cabinet Type	Advance
No. of Ports (in outer jacket)	3
Accessories	Clamp Based Holding Stand, UV Light Protected Goggle, Hydrollic Tubing for Water Circulation, Blue LED light source, Vial Adaptor

KEY FEATURES

- Threaded type reactor system
- Quartz immersion well
- Tripled jacketed reactor (500 ml)
- Borosilicate glass outer jacket
- Medium pressure mercury lamp (UV lamp)
- 3 ports in outer jacket
- Complete set of accessories included
- Safe and reliable operation

APPLICATIONS

- Photochemical Research
- Photodegradation Studies
- Advanced Oxidation Processes
- Environmental Research
- Academic Institutes
- Research Laboratories
- Chemical Research
- Industrial R&D

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