

(Model RMR-600)

The **RAYONET** Model RMR-600 is a versatile, efficient, easy-to-use photochemical reactor. Ideal for applications where instrument simplicity and reliability are of prime importance, and cost effectiveness is a determining factor. This reactor makes a perfect teaching system; it comes complete in a "Ready to Use" package, with no assembly required.

STANDARD EQUIPMENT: The "Mini" reactor is supplied with eight 2537 Å light sources, and one 1/2" built-in support rod. Normal operating temperature is 37°C. Low cost lamps provide long running life (approximately 3000 hours). The reactor's power consumption is about one ampere @ 110/120 volts, 50/60 Hz, A.C. Simple to operate, the reactor is controlled by four lamp switches, located on the top panel.

OPTIONAL ACCESSORIES: The RMA-400 Merry-Go-Round unit, which holds up to 8 samples for equal irradiation at one time at 5 RPM. A cooling fan can be installed which will lower the temperature to 28°C.

Three Interchangeable Light Sources: 2537Å - 3000Å - 3500Å

SPECIFICATIONS: The RMR-600 is 11" in square and 10.5" high. The chamber is manufactured from Alzak aluminum and is 9" deep x 7" diameter. The reactor comes supplied with 8, 4 watt lamps, with an arc length of 3" each (32 lamp watts total). The top opening is 5" diameter; weight 10 lbs. Finished in durable baked enamel, with a one year guarantee.

Designed for the photolysis of:

Baldheads	Heterocyclic Compounds
Ketenes	Aromatic Nuclei
Halogen Derivative	Conjugated Dienes
Thio Compounds	Polynes
Olefins	Epoxides

A photochemical system for the limited budget. High-performance, small size and low price makes it ideal for both undergraduate and graduate studies.