

PHOTOBIOLOGICAL-OXIDATION APPARATUS

1200W, U.V., Flow-Thru

Modified version of 7900 Apparatus. Sample tubes have been replaced with a flow-thru quartz or borosilicate coil for continuous radiation of small (as little as 175mL) or large samples. Coil is available with cooling jacket for slow flow rates or without jacket when heating of sample is not a concern because of the higher flow rate.

Apparatus consists of a cylindrical lamp housing, medium pressure 1200 watt photochemical lamp, quartz or borosilicate glass coil (with or without jacket), and power supply. **Access door is provided for set-up, inspection and repairs only — for your safety, do not use this door while the unit is in operation.**

A cooling fan is located at bottom of housing for air movement. Lamp power supply includes a manual or automatic twelve-hour timer selector for programming exposure time. Available in 220v, 60Hz or 230v, 50Hz. Lamp housing measures 12" wide x 20" deep x 36" high, and weighs 75 lbs. Power supply measures 11" wide x 18" deep x 11" high, and weighs approximately 75 lbs. Coil is 12.7mm O.D. x 8.0mm (5/16") I.D. with 1/2" Swagelok ends, 16 ±1 turns with approximate capacity of 175mL, maximum flow rate of 10L/min.



- Coil available with cooling jacket for slow flow rate or without cooling jacket for high flow
- Flow-thru quartz or borosilicate glass coil for continuous radiation of small (as little as 175mL) or large volumes

Complete Apparatus

Frequency, Hz	Power, Volts	Order Code	
60	220	7901-55	★
50	230	7901-58	★

Description	Qty	Order Code	
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Components

Lamp Housing, only	1	7901-65	★
Power Supply w/Timer, 60Hz, 220V	1	7900-71	★
Power Supply w/Timer, 50Hz, 230V	1	7900-74	★
Lamp, 1200W	1	7825-40	★
Quartz Coil, 12.7mm O.D. x 8.0mm I.D., 175mL	12	7901-76	★

Optional Accessories

Borosilicate Coil, 12.7mm O.D. x 8.0mm I.D., 175mL		7901-80	♠
Quartz Coil, Jacketed, 12.7mm O.D. x 8.0mm I.D., 175mL		7901-88	
Borosilicate Coil, Jacketed, 12.7mm O.D. x 8.0mm I.D., 175mL		7901-89	♠