

Model CV1 Cuvette Accessory



The Model CV1 Cuvette Accessory is an optional component of the C&L Instruments Dye Fluorometer. It integrates seamlessly to the Model S48D Illumination Source and Model D48 Detector Module to form a complete fluorescence system for macro samples.

The Model CV1 Cuvette Accessory interfaces to the Model S48D Illumination Source and Model D48 Detector Module using light guides. It is designed for fluorescence measurements of macro samples contained in standard cuvettes using a 90° excitation-emission format. The cuvette holder is water-jacketed using an external water bath. The lid contains an access port to add samples to the cuvette without exposing the cuvette to room light. An electronic thermometer with a digital display monitors the cuvette block temperature. A miniature magnetic stirrer is also included. Contact C&L Instruments if other fluorescence measurement geometries or cuvette holders are required. Optional Fluorescence grade cuvettes and accessories such as a coverslip holder and oxygen probe are available.

SPECIFICATIONS*:

Size: 6 (w) X 6 (l) X 8 (h) inches.

Weight: 6 pounds.

Cuvette size: 12.5 X 12.5 mm (other sizes available)

Z height: 15 mm (distance from cuvette bottom to center of optical beams).

Power Requirements: 110-120 or 220-240 VAC (specify on order), 6 Watts.

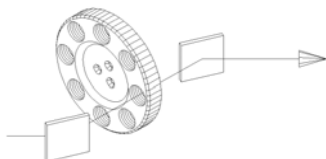
Optical Interface: Two 3 mm diameter light guides (not included).

Temperature Control: Two quick-connectors for attaching ¼ inch OD tubing to external water bath (bath not included).

Stir Bar: Variable speed control (included).

Digital Thermometer: -40 to +50° C, ± 1° C.

Sample port: Hole in lid (0.031 inch diameter, with plug).



*Subject to change without notice.

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