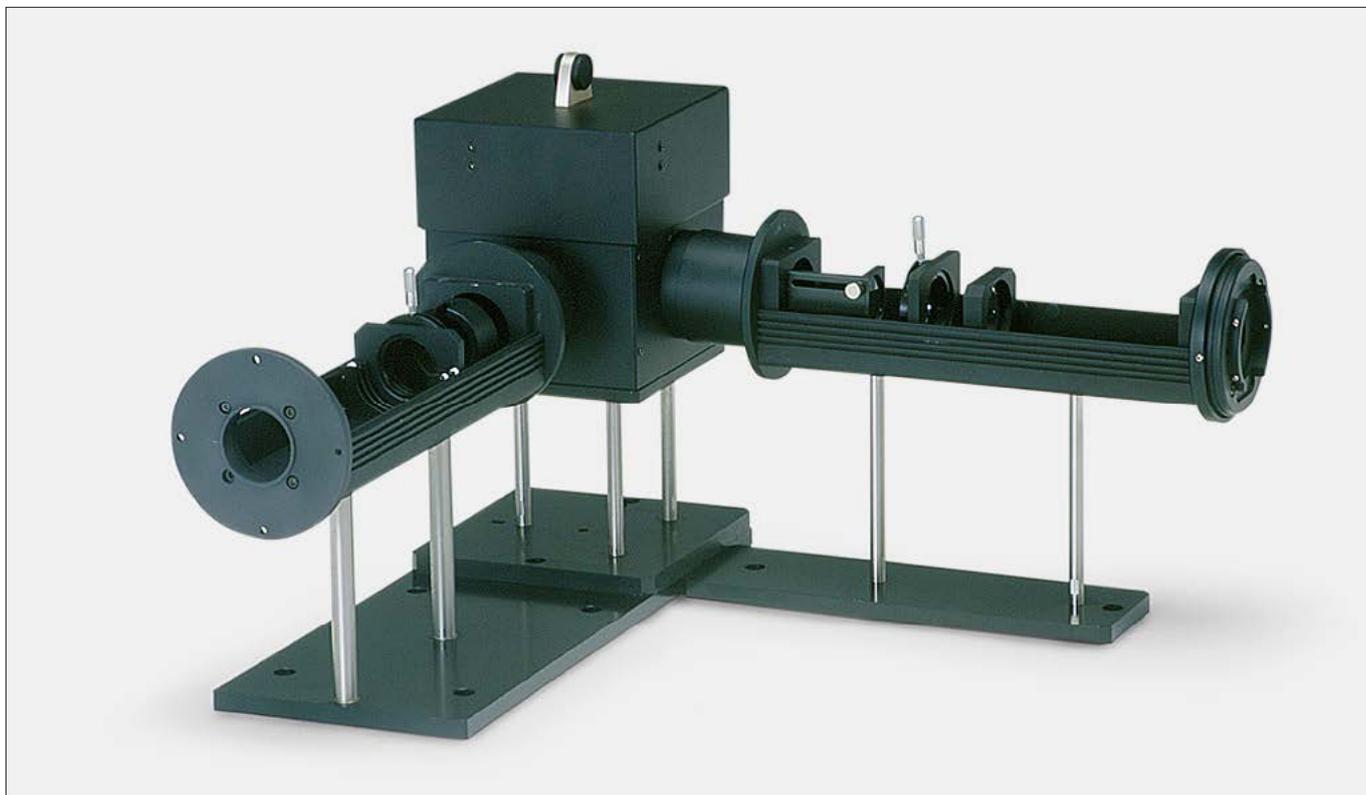


# Standard optics A8110 series

for the Picosecond fluorescence lifetime measurement system C11200

This optics is used with suitable a sample holder to fit the measurement sample.



\*The A8110 used in combination with Sample holder for Organic chemistry sample A8114

## Overview

The A8110 is an universal sample compartment designed exclusively for the Picosecond fluorescence lifetime measurement system C11200. The A8110 can be easily mounted on an optical bench (with M6 holes at 50 mm pitch).

Interchangeable sample holders are available for optistat DN cryostats and organic chemistry samples (solution and film). To ensure the superb reproducibility, the optical axis stays the same position even when interchanging sample holders or mounting / removing samples.

## Applications

- Fluorescent spectral photometry
- Phosphorescent spectral photometry

## Features

- **Two types of sample holders available**
  - For optistat DN cryostats
  - For organic chemistry samples
- **High fluorescence collection efficiency**
- **Excellent optical-axis reproducibility**  
Optical axis reproducibility when attaching / removing samples: within 100  $\mu\text{m}$
- **Excitation from either the left or right side**  
Optical axis reproducibility when switching the direction: within 100  $\mu\text{m}$
- **FC connector input for excitation**
- **Compatible with standard Ti-Sapphire laser, etc**
- **Compatible with PLP-10 Laser diode head**

