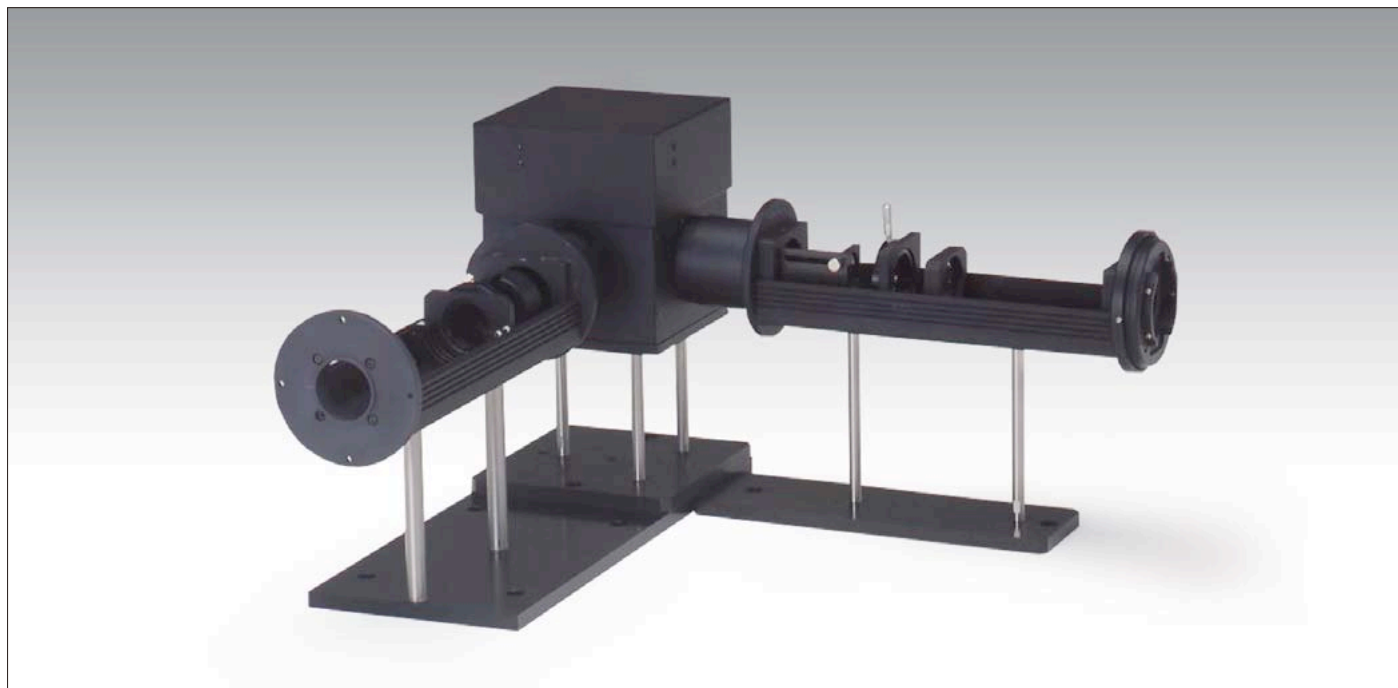


Standard optics A8110 series

for the Picosecond fluorescence lifetime measurement system C11200

Including optics, base plate, sample holder and dewar unit



*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) or any convenient bench using the Base plate for standard optics A8111.

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

Applications

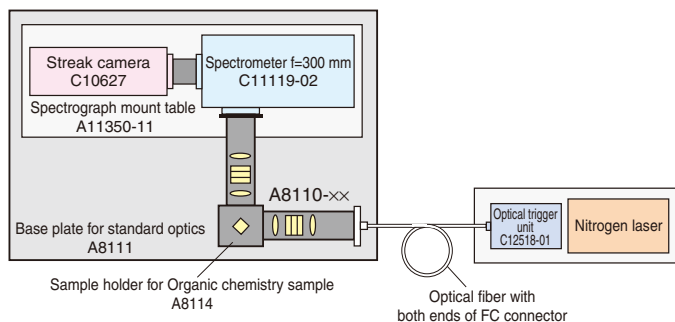
- Fluorescent spectral photometry
- Phosphorescent spectral photometry

Features

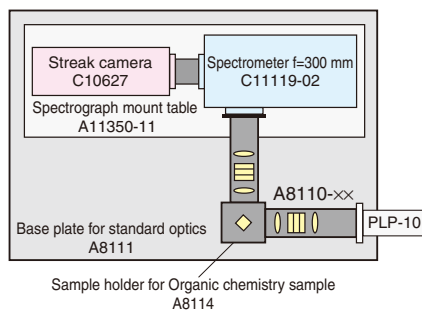
- **Four types of sample holders available**
 - For optistat DN cryostats
 - For semiconductor wafers
 - For organic chemistry samples
 - For dewar units
- **High fluorescence collection efficiency**
- **Excellent optical-axis reproducibility**
Optical axis reproducibility when attaching/removing samples: within 100 μm
- **Excitation from either the left or right side**
- **FC connector input for excitation**
- **Compatible with standard Ti-Sapphire laser, etc**

Example of system configuration

● Example when used with Nitrogen-laser-Pumped dye laser



● Example when used with PLP-10 Laser diode head



Components

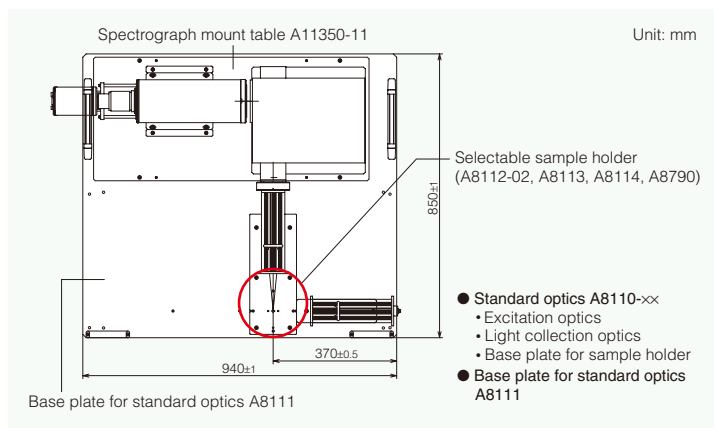
Product name	Type number
Standard optics (400 nm to 1800 nm)	A8110-01
Standard optics for UV (200 nm to 1800 nm)	A8110-02
Base plate for standard optics	A8111
Sample holder for Optistat DN cryostat (OXFORD INSTRUMENTS Cryostat)	A8112-02
Sample holder for Semiconductor wafer (Supports 3 inch wafers; comes supplied with vacuum chuck)	A8113
Sample holder for Organic chemistry sample (10 mm square cell, 20 mm square film)	A8114
Dewar unit for A8110 (Liquid nitrogen cooling; three 10 mm square wafer samples can be mounted simultaneously.)	A8790



▲ Sample holder for Optistat DN cryostat A8112-02



▲ Sample holder for Semiconductor wafer A8113



▲ Sample holder for Organic chemistry sample A8114



▲ Dewar unit for A8110 A8790

- Subject to local technical requirements and regulations, availability of products included in this promotional material may vary. Please consult your local sales representative.
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