Edinburgh Instruments
Fluorescence spectrometer FS5 / FLS1000 Series

EDINBURGH INSTRUMENTS

Ideal for fluorescence spectrum and fluorescence lifetime measurements in low light !

The world's most sensitive fluorescence spectrometer

features

- Water Raman measurement: SNR 10,000:1 or better (FS5), SNR 35,000:1 or better (FLS1000)
- Wide measurement range: 230 to 1650 nm (FS5), 115 to 5500 nm (FLS1000)
- Up to 5 simultaneous light sources and detectors
  450 W xenon light source, flash lamp, semiconductor laser or super-continuum light source, etc.
  Photon counting type high sensitivity detector (selectable in UV-Visible-NIR-MIR range)
- Single or double monochromator selectable (FLS1000)
- Sample holders for various sample shapes and temperatures (room temperature, heated, cooled)

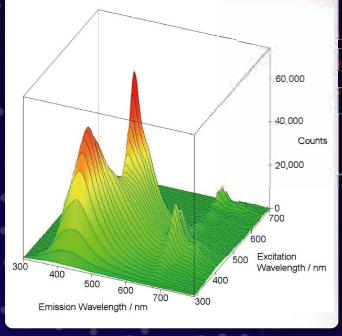
▼FS5

▼FLS1000

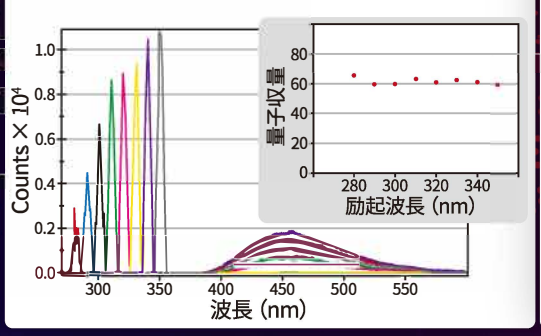
Fluoracle® software for module control, data measurement and analysis

Fluoracle® can handle general luminescence spectrum measurements (emission scan, excitation scan, excitation-emission matrix, transmission and absorption measurements) as well as advanced measurements such as picosecond to millisecond lifetime measurements and luminescence quantum yield using an integrating sphere. Analytical measurements such as quantum yield calculation, lifetime analysis, chromaticity analysis, and quantitative analysis can also be performed with the same software.

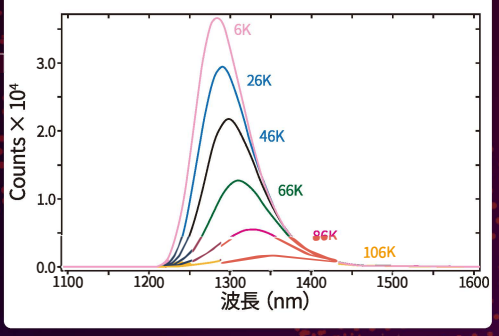
Excitation and Emission Matrix Measurement



Quantum Yield Measurement



Temperature change fluorescence spectrum measurement



NEW! Connectable to FS5 and FLS1000!
Microscope and X-ray source chamber
Unique Options

▲For CW or pulsed X-ray sources Sample chamber

▲Liquid light-guide fiber allows connection to microscope

TOKYO INSTRUMENTS

Headquarters: T. I. Building, 6-18-14 Nishi-Kasai, Edogawa-ku, Tokyo 134-0088 ☎03-3686-4711
Osaka Sales Office: Shin-Osaka Kita Building, 4-1-46 Miyahara, Yodogawa-ku, Osaka 532-0003 ☎06-6393-7411
https://www.tokyoinst.co.jp sales@tokyoinst.co.jp

TII Group Company - Expanding our global network to provide cutting-edge science to our customers -

UNISOKU TII Group
Ultrahigh vacuum and cryogenic scanning probe microscope
High-speed spectrometer, cryostat

LOTIS TII
Nd:YAG laser, Ti:S laser
OPO laser

SPECS - TII
Enviro ESCA (Quasi-Barometric XPS)
ARPES, etc.