

## **New FluoroMax-3 spectrofluorometer / Jobin Yvon Ltd.**

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### **Publication/Creation**

Stanmore : Jobin Yvon, [2000]

### **Persistent URL**

<https://wellcomecollection.org/works/nv4vska4>

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# New FluoroMax-3 Spectrofluorometer

Jobin Yvon has now revolutionised **analytical fluorescence measurement** with the **Spex FluoroMax-3**. This new instrument boasts unmatched speed, sensitivity, automation and a small footprint; all at an affordable price.

What makes the **FluoroMax-3** different from the other Spectrofluorometers? The answer is simple. Spex knowledge of research grade spectroscopy systems has enabled every component of the **FluoroMax-3** to be designed with the **ultimate performance**.

Using all mirror optics, a **vertically mounted** xenon lamp for stability, and **aspheric designed monochromators** with continuously adjustable **automated slits**, the **throughput is maximised** whilst polarisation effects are kept to a minimum.

The **spacious sample chamber** allows the use of a comprehensive list of accessories as well as providing easy accommodation of **cryostats**.

Unlike many analytical systems, the FluoroMax-3 features **photon counting detection** providing the user with the ultimate sensitivity and signal to noise ratio.

## Key Specifications:-

- All reflective optics
- Ozone free xenon source
- Plane-grating Czerny-Turner monochromators



- 200—850nm Range
- Reference Detector
- 300,000 cps Raman signal
- 2500:1 signal to noise ratio
- PC control with Windows 95/98/NT software
- 800 x 465mm footprint
- 30kg weight

## FluoroMax-3 Applications

Whether you are working in Biochemistry or material science, measuring calcium migrations, intermolecular distances, or laser crystals, the sensitivity and flexibility of a **FluoroMax-3** Spectrofluorometer will help you gather more information on more samples in a smaller amount of time.

- Pharmaceutical & Medicine
- Environmental
- Analytical Chemistry
- Food Science & Agriculture
- Industry
- Photochemistry
- Cell Biology

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