

Spectrofluorometer

DEVICE

IT IS a device for measurement of fluorescence spectra.

IT'S PARTICULARLY SUITABLE FOR highly sensitive measurements of excitation and emission spectra. The device performs best at low dye concentrations. Kinetic studies are possible as well.

MODEL	Fluorolog-3 model FL3-22
MANUFACTURER	Horiba Jobin Yvon
MEASUREMENT TYPE	Fluorescence: <ul style="list-style-type: none">- emission and excitation spectra- synchronous scan- excitation-emission matrix scan- time-based scan- multigroup scan, ...
LIGHT SOURCE	450W Xe lamp (250-600 nm)
DETECTOR	R928P photomultiplier (200-850 nm)
FEATURES	<ul style="list-style-type: none">- double grating excitation spectrometer- double grating emission spectrometer (both 1200 grooves/mm, resolution 0.2 nm)
CAPACITY	used irregularly
CONTACT	Zdenek Petrášek (phone 463-40323)
LOCATION	211



COMPUTER

OS	Windows 2000
RAM	256 MB
CPU	1,8 GHz
SOFTWARE	DataMax 2.20 <ul style="list-style-type: none">- data export in .txt filesinternet connection