



QuantaMaster™ 40

Steady State Spectrofluorometer with Q-9B Fluorescence Microscopy Upgrade

Specifications

Steady State

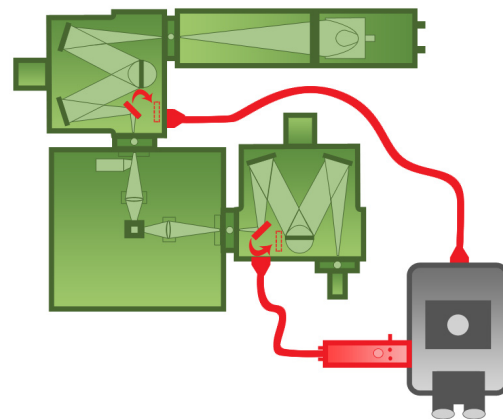
Emission Range	185 to 680 nm (optional to 900 nm)
Detection Limit	460 attomolar
Steady State Light Source	High power continuous Xenon arc lamp
Monochromators	Czerny-Turner design
Focal Length	200 nm
Excitation Grating	1200 line/mm 300 nm blaze
Emission Grating	1200 line/mm 400 nm blaze
Optional Grating	75–2400 line/nm and holographic models available
Bandpass	0–24 nm, continuously adjustable (computer control available)
Wavelength Accuracy	± 0.5 nm
Resolution	0.06 nm
Detection	Photon counting/analog
System Control	Computer interface with spectroscopy software

Fluorescence Microscopy

Liquid Light Guide

Core Diameter	2 mm
Length	2 meters
N.A.	0.59
Transmission Range	280 to 700 nm (300 to 900 nm available)

For selection of emission area on microscope



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