



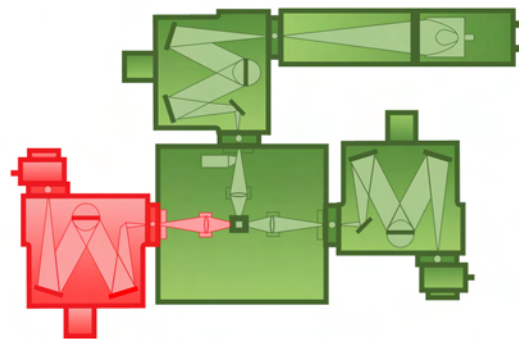
QuantaMaster™ 40

Steady State Spectrofluorometer with Q-7 Second Emission Channel 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



Second Emission Channel

Emission Range	185 to 680 nm (optional to 900 nm)
Detection Limit	460 attomolar
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	± 0.05 nm
Resolution	0.06 nm
Detection	Photon counting/analog



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