



QuantaMaster™ 40

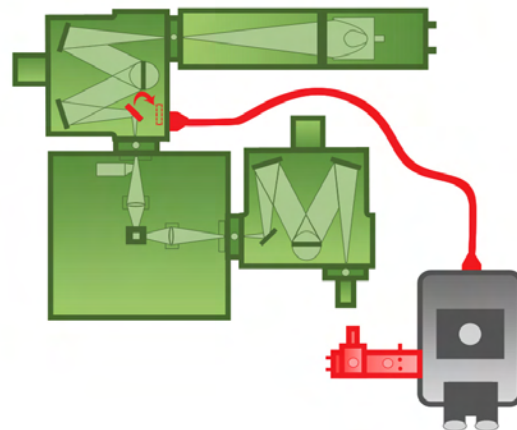
Steady State Spectrofluorometer with Q-8A-40 Fluorescence Microscopy Photometer Upgrade

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 mm
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

For the most sensitivity when coupled to a microscope!



Fluorescence Microscopy Photometer

Photometer

Emission Range	85 to 680 nm (optional to 900 nm)
Emission Wavelength Selection	By means of filters - not included
Detection	Photon counting/analog
Type	Single channel
Slit	Bilaterally adjustable/translatable iris
Eyepiece	Parfocal viewing
Filter holder	1-inch (filter not included)
Flipping mirror	View/measure
Double or triple detection	Optional

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)

USA: Photon Technology International, Inc., 300 Birmingham Road, PO Box 272 Birmingham, NJ 08011
Tel: 609-894-4420, Fax: 609-894-1579, E-mail: marketing@pti-nj.com, www.pti-nj.com

Canada: Photon Technology International, Inc., 347 Consortium Court, London, Ontario, N6E 2S8
Tel: 519-668-6920, Fax: 519-668-8437, E-mail: sales@pti-can.com

UK: Photon Technology International, Inc., Unit M1 Rudford Industrial Estate, Ford Road, Ford, West Sussex BN180BF
Tel: +44 (0) 1903 719555, Fax: +44 (0) 1903 725722. E-mail: sales@pti-uk.co.uk

Germany: PhotoMed GmbH, Inninger Str. 1, 82229 Seefeld, Germany,
Tel: +49 (0) 8152 993090, Fax: +49 (0) 8152 993098, E-mail: sales@photomed.com



Photon Technology International