



PTI EasyRatioPro

Fluorescence Imaging System



The PTI EasyRatioPro is part of the ImageMaster™ fluorescence imaging series from Photon Technology International. PTI EasyRatioPro allows researchers to get control back into their research with the Warp Drive Imaging™ system interface

PTI is offering a completely new revolutionary system for the collection and analysis of ratio-metric imaging data for calcium, pH, and intracellular ion imaging! The PTI EasyRatioPro with Warp Drive Imaging™ interface is a complete imaging system featuring dramatic power, high speed image acquisition and more! PTI EasyRatioPro's easy to use software along with its unique user interface, the Warp Drive, allows you to efficiently gather superb quality data. PTI EasyRatioPro is the most comprehensive system of its kind, giving you control over your Imaging world like never before.

Applications

- Calcium measurement
- Membrane potential
- pH
- GFP and variants
- FRET
- Intracellular K⁺
- Intracellular Na⁺
- Intracellular Cl⁻
- And many more!

Cameras

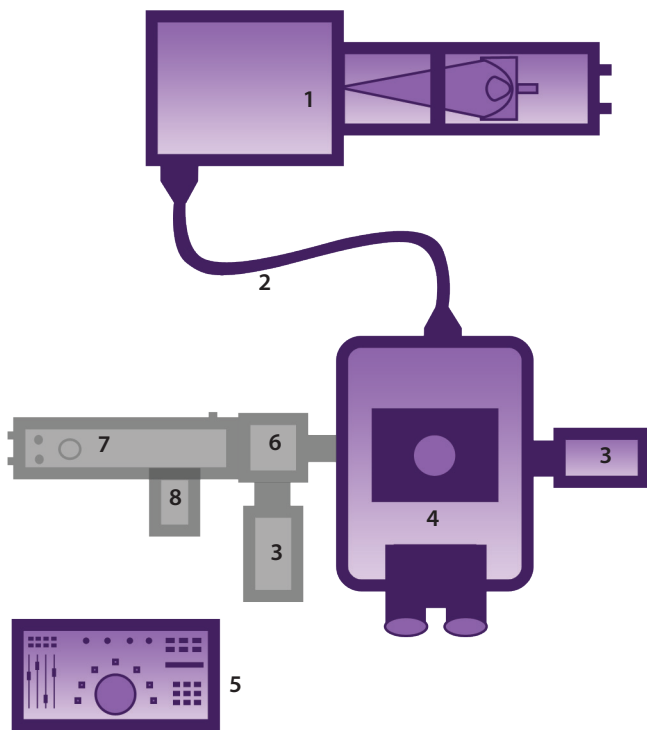
Supported CCD Cameras

- All Photometrics PVCAM controlled cameras
- All Q-Imaging cameras
- Andor iXon and Neo cameras
- Hamamatsu DCAM cameras
- All PCO cameras

Many other cameras are also supported, check with your PTI Sales Representative for compatibility.

Accessories

- Dual C Port Adapter
- High Sensitivity Photometer
- PMT Detector



STANDARD SYSTEM

1. DeltaRAM X™ High Speed Monochromator
2. Liquid Light Guide
3. CCD Camera
4. Microscope
5. Warp Drive Imaging™ Interface

OPTIONAL ACCESSORIES

6. Dual C-Port Adaptor
7. High Sensitivity Photometer
8. PMT Detector



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Specifications

Excitation Wavelength Range	250–650 nm
Wavelength Selection Speed	< 2 milliseconds point-to-point
Data Acquisition Rate	1 kHz single wavelength
Light Source	High power continuous Xenon arc lamp
Repetition Rate	1 to 200 Hz (software controllable)
Focal Length	150 mm
Bandpass	0–25 nm, continuously adjustable (computer control available)
Wavelength Accuracy	± 1 nm
Resolution	0.5 nm
Light Delivery	2 m Liquid Light Guide
System Control	Warp Drive interface

PTI has a policy of continuous product development and reserves the right to amend specifications without prior notice.



USA: 3880 Park Avenue Edison New Jersey 08820
Tel: 609-894-4420, Fax: 609-894-1579, E-mail: marketing@pti-nj.com, www.pti-nj.com

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

UK: HORIBA UK Ltd 2 Dalston Gardens Stanmore Middlesex HA7 1BQ
Tel: +44 (0) 20 8204 8142, Fax: +44 (0) 20 8204 6142, E-mail: info-sci.uk@horiba.com