

IsoFlux Cytation Imager

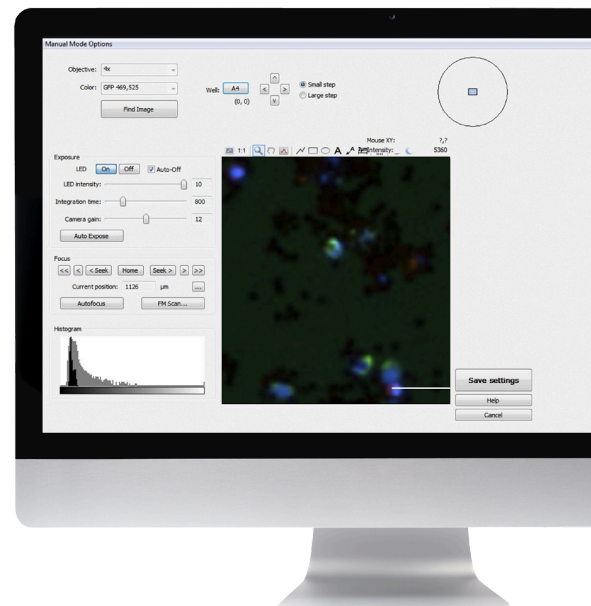
Fully integrated imager for automated scanning and detection of CTCs from the IsoFlux System

The IsoFlux Cytation™ Imager is designed specifically for CTC (circulating tumor cell) enumeration and protein detection by fluorescent imaging. Based on the industry-leading Cytation imagers from BioTek Instruments, Inc., the IsoFlux Cytation Imager comes pre-configured with the filters, objectives, and software configurations necessary for automated scanning of IsoFlux™-generated CTC samples.

The IsoFlux Cytation Imager integrates easily with the IsoFlux CTC enrichment and enumeration workflows, allowing automated CTC enumeration without the complexity of traditional inverted microscopes.

Features:

- Software comes pre-configured for CTC image acquisition using the IsoFlux CTC Enumeration Kit
- Performs scanning and identification of putative CTCs in less than 10 minutes per sample
- Reduces the overall time required per sample compared to standard microscopy by 3X
- Includes 4X and 10X objectives for scanning and high resolution image capture
- Automated XY stage, auto focus, auto exposure, auto image capture
- Includes fluorescent filter cubes for RFP, GFP, and DAPI for CTC detection and enumeration
- Available fourth fluorescent channel for additional protein marker detection (e.g., AR-V7, etc.)



Specifications

General	
Part number	930-0375
Imaging modes	Fluorescence and bright field
Labware type	Protocol optimized for CTC enumeration using Greiner 24-well plates
Software	Gen5™ Data Analysis Software.
Analysis	Preconfigured image acquisition using the IsoFlux CTC Enumeration Kit; Preconfigured CTC identification protocols
Imaging	
Camera	16-bit gray scale, Sony CCD, 1.25 megapixel
Imaging filter capacity	4 onboard, user-replaceable filter cubes
Included imaging filter cubes:	GFP, RFP, DAPI
Optional 4th channel filters for additional protein detection	CY5, CY5.5, Texas Red
Light source	LED
Objective capacity	2 onboard, user-replaceable objectives
Included objectives	4X, 10X, 20X
Optional objectives	40X, 60X
Autofocus	Image-based autofocus
CTC Identification	Software generates image list of potential CTCs for user review and confirmation

BioTek Cytation and Gen5 are trademarks of Agilent, Inc.



The IsoFlux Cytation Imager is designed for automated scanning of CTCs recovered from the IsoFlux Liquid Biopsy System. Liquidbio offers a range of systems and kits for non-invasive cancer analysis. Visit liquidbio.co for more details.

For Research Use Only.

Liquidbio LLC
San Francisco, CA USA
www.liquidbio.co