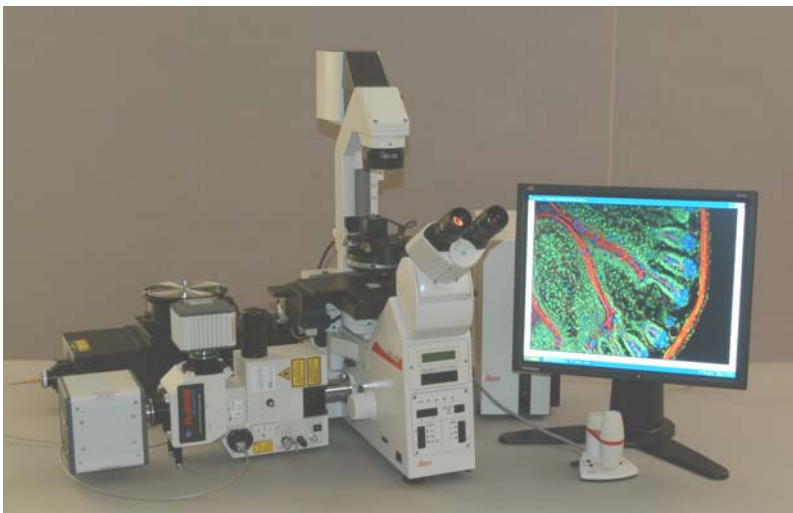

REAL-TIME CONFOCAL MICROSCOPY

YOKOGAWA QLC-100

PERSONAL CONFOCAL SYSTEM



- Speed
- Resolution
- Modularity
- Sensitivity
- Direct Viewing
- Ease of Use
- Affordable

The QLC100 is a powerful tool that will enhance your imaging capabilities for single and multi-label fluorescence applications or high speed live cell time lapse experiments. The QLC100 Confocal laser-scanning module is affordable enough for individual labs and its' ease of use and flexibility also make it ideal for multi-user core imaging facilities.

For 16 years, Advanced Imaging Concepts has been centered on delivering high-end microscopy and imaging solutions to life science and industrial customers. Our focus has bred invaluable application and integration experience that is evident in our approach to our customers' confocal needs. Whether supplying complementary components and integrating your labs' existing imaging and microscope equipment into a confocal workstation, or providing turnkey confocal systems, we can customize a solution to fit your requirements.

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Princeton, New Jersey 08540
PH (609) 921-3629 FAX (609) 924-3010
info@aic-imagecentral.com www.AIC-ImageCentral.com

REAL-TIME

CONFOCAL MICROSCOPY

YOKOGAWA QLC-100

PERSONAL CONFOCAL SYSTEM

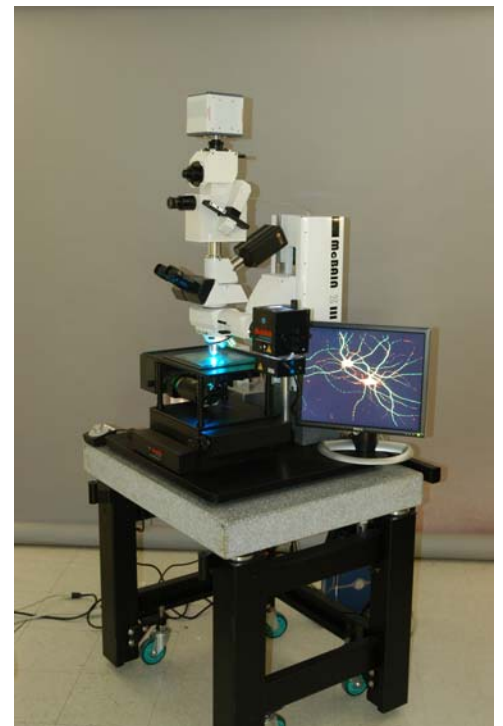
Options and Specifications

- Confocal scanhead with choices of filter combinations (457nm, 488nm, 514nm, 568nm, 647nm) to serve your fluorescence needs
- Lasers and fiber delivery systems to match your research and budget-choices from 150mW air cooled argon ion or mixed gas krypton argon to 2.5W multi-line water cooled tunable lasers
- Integrated excitation and emission filter wheels
- AOTF for fast, automatic wavelength selection
- Custom fiber delivery couples the laser source to your TIRF, FRAP or FRET setup
- Digital, fast frame rate or intensified cameras from leading manufacturers
- Powerful MAC or PC imaging software platforms

- Scanning Speed- 1,800 rpm, enabling acquisition rates up to 360 fps, depending on camera acquisition speeds
- Excitation- Standard dichroic 488nm; other wavelengths available include 442nm, 457nm, 514nm, 568nm, 647nm
- Mounting- Standard microscope C-Mount
- Optical Fiber- FC Connector
- PSU- 100/120VAC or 200/240VAC, 50 or 60Hz
- Power- 20VA
- Size-(mm) 150W x 210L x 210H
- Weight- 5kg



Yokogawa QLC100 scanning head with dual camera port adapter



Confocal fluorescence microscopy on the Intra-vital microscope.

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Contact AIC today and learn more about our extensive line of products and innovative custom solutions