

Quorum Technologies

Light at Work



Specializing in Microscopy and Image Processing for over 25 years

Products

Spinning Disc
Confocal System

Diode Laser Merge
Module

Digital Slide
Scanners

Pathology
Information
Management
Software

CASA Systems

angstrom™ Grid
Confocal

Structured Light

Environmental
Chambers

Digital Cameras

Anti-Vibration
Tables

Motorized Stages

Leica
Microscopes

Micromanipulators

Telepathology Systems

Custom Integration

Consulting Services

"Thinking Differently
Toward New Vision"

Quorum Wave FX Spinning Disc Confocal System

Quorum's WAVE FX confocal is a laser-based system using an optimized Nipkow Spinning Disc Technology capable of acquiring confocal images at video rates. This innovative technology significantly reduces photobleaching and phototoxicity which makes it ideal for studying live cell activity in an undisturbed environment. The increased performance of the system is a result of several proprietary optical modifications.



Camera

Quorum can provide a variety of cameras to suit the end user's needs from highly sensitive EMCCDs to high resolution cameras. Many Models are supported. We also have the ability to use high speed full colour cameras to capture multiple channels at once.

Lasers

Diode lasers are available in a wide array of wavelengths and powers ranging from 405 to 750nm and 2-500mW. The minimum life expectancy is 10,000 hrs per line. Features include a standard power requirement, stable and precise output, operating temperature of < 23°C and narrow excitation wavelengths.

SYNAPSE™ Laser Merge Module

A custom engineered module capable of coupling 1 to 5 individual solid state lasers. Allows for the selection of individual or multiple wavelengths with msec intervals. Selection of wavelength and intensity can be accomplished by either AOTF or high speed shutters and neutral density filters.

Imaging Software

When coupled with intuitive software, full control of an automated microscope is gained in order to perform advanced imaging routines. Further enhancement of this system is achieved with the introduction of a unique Multi-Laser input system.

For Information contact Quorum at info@quorumtechnologies.com
Tel: 519 824 0854 Fax: 519 824 5845 or visit our website at
www.quorumtechnologies.com