

## Nikon C2 Confocal Microscope System

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An essential instrument for the microscopy lab. The C2+ confocal microscope is a basic model within the family of Nikon confocal products. The C2+ is designed as an essential microscopy tool for the laboratory, providing powerful and robust imaging capabilities. The high-efficiency scan heads and detectors, coupled with Nikon's unrivaled optics, provide superior confocal images.

*C2+ | Confocal Microscopes | Products | Nikon Instruments Inc.*

With the convenient, small scan head size, the C2 + can be used with various types of Nikon microscope. The C2 + employs high precision mirrors and optically superior circular pinholes, and separates the detectors to isolate sources of heat and noise, enabling low-noise, high-contrast and high-quality confocal imaging. The newly developed scanner driving system and Nikon's unique image correction technique allow 8 fps (512 x 512 pixels) and 100 fps (512 x 32 pixels) high-speed imaging.

*Nikon | Healthcare Products & Solutions (Microscope ...*

C2-DUS spectral detector unit. Number of channels: 32, Wavelength detection range: 400 - 750 nm, Spectral image acquisition speed: 2 fps (256 x 256 pixels), Maximum pixel size: 1024 x 1024 (Spectral mode/Virtual filter mode), Wavelength resolution: 2.5/5.0/10.0 nm,

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Wavelength range variable in 0.25 nm steps. C2-DUVB GaAsP detector unit.

*C2+ | Confocal Microscopes - Nikon Instruments Inc.*

The AZ-C2+ enables high-definition confocal imaging during macro observation as well as micro observation. Sharp, wide field of view images with incredibly high S/N ratios allow for imaging of whole-mount specimens such as embryos and large tissue slices that are commonly used in developmental and systems biology studies.

*AZ-C2+ | Confocal Microscopes | Products | Nikon ...*

The AZ-C2+ enables high-definition confocal imaging during macro observation as well as micro observation. Sharp, wide field of view images with incredibly high S/N ratios allow for imaging of whole-mount specimens such as embryos and large tissue slices that are commonly used in developmental and systems biology studies. Moreover, the AZ-C2+ offers a combination of low and high magnification objective lenses and a scanning zoom function, enabling continuous imaging from macro to micro with ...

*AZ-C2+ | Confocal Microscopes | Products | Nikon ...*

Confocal system (PC, monitor, C2+ controller, AOM controller): Approx. 830 W (single phase AC 115 V, 7.2 A / AC 230 V, 3.6 A, with earth) (Does not include microscopes and lasers.)  
Standard fluorescence detector

*Specifications | AZ-C2+ | Confocal Microscopes | Products ...*

For a streamlined, compact confocal with robust imaging capabilities, Nikon offers the C2+ point-scanning system. Nikon also offers high-speed field-scanning confocal systems including the Yokogawa CSU spinning disc confocal series, ideal for live cell and organoid imaging. Each Nikon confocal system utilizes Nikon's powerful NIS-Elements software which offers deep-learning based image processing tools and high-content acquisition and analysis options.

*Confocal Microscopes | Products | Nikon Corporation ...*

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*Confocal Microscopes - Nikon Instruments Europe B.V.*

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*Confocal Microscopes | Products | Nikon Instruments Inc.*

Confocal Microscopes The A1 series dramatically improves confocal performance and ease of operation. The C2+ comprises a generation of Nikon confocal instruments designed to be essential in the laboratory. Confocal Microscope A1 HD25/A1R HD25

*Confocal Microscopes - Nikon*

The C2+ confocal microscope is a basic model within the family of Nikon confocal products. The C2+ is designed as an essential microscopy tool for the laboratory, providing powerful and

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robust imaging capabilities. The high-efficiency scan heads and detectors, coupled with Nikon's unrivaled optics, provide superior confocal images.

### *Nikon C2+ Confocal Microscope System - Coherent Scientific*

Nikon Instruments, Inc., innovator of advanced optical instruments, today introduced the C2 Confocal Laser Point Scanning Microscope, which incorporates the newest release of NIS-Elements C software -Version 3.2. By pairing...

### *Nikon Instruments Introduces the C2 Confocal Laser Point ...*

An essential instrument for the microscopy lab. The C2+ confocal microscope is a basic model within the family of Nikon confocal products. The C2+ is designed as an essential microscopy tool for the laboratory, providing powerful and robust imaging capabilities.

### *Confocal Microscopes - nikonmicroscopy.co.za*

Nikon Ni-SA: Standard microscope slides (25x75 mm) Acquisition Software: NIS Elements AR: Version: 4.30.00: Confocal System: Confocal Scanning Head: C2si: High precision galvano scanners: Confocal Detector Unit: C2-DU3: 3 Standard PMTs: Emission Filters: DAPI/CY5(dual) 525/50 nm 595/40 nm: Semrock EMD/CY5 Custom 239415 Nikon Nikon: Widefield System: Camera: Nikon DS-Fi3

### *The Nikon C2 Confocal Microscope | MTA KOKI*

Built on a reputation of incredible stability coupled with superior optical technologies, the C2+ with its host of functions and various analytical capabilities is the perfect tool for a new microscope, or as a new accessory to a Nikon imaging system. Now fully controlled by NIS-Elements imaging software, the system includes four channel confocal fluorescence imaging, and vastly expanded spectral capabilities with the ability to capture and unmix data acquired at any channel resolution ...

### *C2 Plus Confocal Microscope System — Mager Scientific*

The C2+ confocal microscope system is part of a new generation of Nikon confocal instruments designed to be essential laboratory microscopy tools.

### *Confocal Microscope - Auro-Science*

LU-N3: installed laser 405 nm, 488 nm, and 561 nm, Cannot be used with C2-DUS spectral detector LU-N4/N4S: installed laser 405 nm, 488 nm, 561 nm, and 640 nm, Use LU-N4S when using C2-DUS spectral detector LU-NV series: mountable laser 405 nm, 445 nm, 458 nm, 488 nm, 514 nm, 532 nm, 561 nm, 594 nm, 640 nm and 647 nm: Standard detector

### *Nikon | Healthcare Products & Solutions (Microscope ...*

Confocal laser microscope system C2+/C2si+ Ready/C2si The Nikon C2+ series offers the optimum confocal system to meet both your research and your budgetary needs. C2+: Standard model boasts high resolution, high sensitivity, and high contrast. Suited for single laboratories or large research groups.

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