



NEW

For information where to see the Leica TCS SPE, please go to www.leica-microsystems.com and click on "Events" or contact your local Leica sales representative.

For more information on the Leica TCS SPE please visit:

www.leica-microsystems.com/TCS_SPE

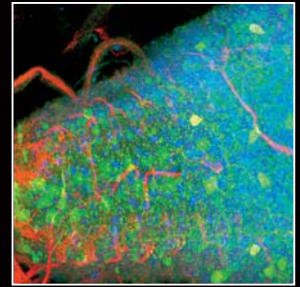
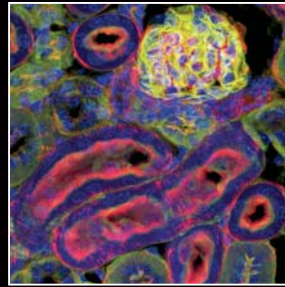
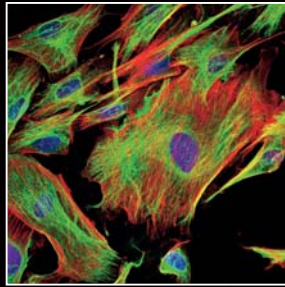
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Spectacular Imaging!

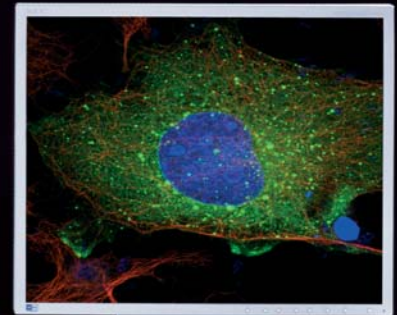
Leica TCS SPE Confocal –
High Resolution Fluorescence Imaging
Affordable Excellence for Your Daily Work

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- Spectacular Imaging
- Easy to Achieve
- A Reliable System
- Affordable Excellence



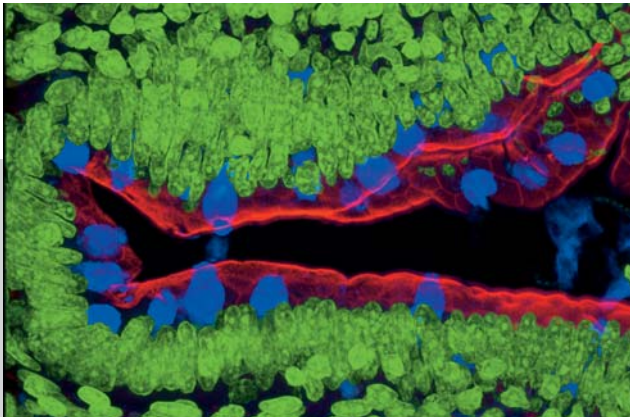
Spectacular Imaging

Crisp Confocal Images at the Highest Resolution

The Leica TCS SPE is a true spectral confocal microscope, providing the ultimate in crisp high resolution 3D images over the full spectral range. Highest sensitivity is achieved by the Leica spectral detection system, which overcome the limits of conventional filter based approaches. Spectral detection across the full emission range is truly unique in this class of confocal microscope.

Optimal excitation is ensured by four solid state lasers from 488 nm to 635 nm, with the option of 405 nm for nuclear staining.

For perfect colocalization and maximum transmission, the Leica TCS SPE utilizes a brand new innovation – Leica ACS (Advanced Correction System) technology from 405 nm to infrared.



Easy to Achieve

True Confocal Shouldn't be Complicated

With the Leica TCS SPE, your work will be simply straight forward. The system requires minimal training and first results will be achieved immediately. The new and highly ergonomic Leica LAS AF software guides you through your experiment from beginning to end in a few simple steps.

Preinstalled system settings for defined dyes ensure fast and excellent results. Experienced users profit from the full flexibility of the automated system for individual tuning.

- Fully automated controls
- Easy excitation tuning with precise AOTF sliders
- Freely tuneable wavelength selector
- Storage of individual settings on USB stick
- Easy data transfer by LAN, USB or DVD



A Reliable System

Concentrate on Your Work – not on Your System

The highly integrated Leica TCS SPE is extremely compact and robust, with a supply unit no bigger than a standard PC. Long-life components combined with the workflow oriented LAS AF software guarantee fast and smooth operation.

The system requires little maintenance and minimises the workload of system administrators. With its small footprint, it will surely fit into any laboratory.

- Solid state lasers 405, 488, 532 and 635 nm
- No cooling necessary
- Standard room requirements
- Small footprint



Affordable Excellence

All the Features You Need – at an Attractive Price

The Leica TCS SPE increases capacity by saving resources, time and money. Installation is quick and easy – the system will soon be up and running. In the fastest possible time, you will be fully trained to acquire crisp, clear images and perform analysis with ease.

For highest utilization of the system, post acquisition image processing may be performed on a separate workstation, made possible by convenient data export functions.

Optimally selected long-life components and robust technology, dramatically reduce the cost of ownership whilst still providing spectacular results.

