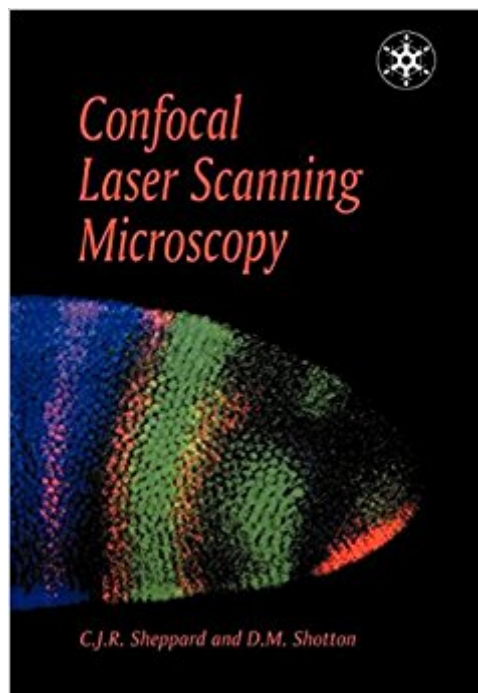




**Ebook Directory**  
the best source of ebook

The book was found

# Confocal Laser Scanning Microscopy (Royal Microscopical Society Microscopy Handbooks)



## Synopsis

This book gives details of the purpose of, and practical requirements for, the different imaging modes along with guidelines for sample preparation and imaging protocols. The limitations and sensitivity of each method are discussed, imaging applications

## Book Information

Series: Royal Microscopical Society Microscopy Handbooks

Paperback: 120 pages

Publisher: Garland Science; 1 edition (August 1, 1997)

Language: English

ISBN-10: 1872748724

ISBN-13: 978-1872748726

Product Dimensions: 6.7 x 0.2 x 9.6 inches

Shipping Weight: 7.8 ounces (View shipping rates and policies)

Average Customer Review: 3.1 out of 5 stars 3 customer reviews

Best Sellers Rank: #1,098,312 in Books (See Top 100 in Books) #82 in Books > Science & Math > Experiments, Instruments & Measurement > Microscopes & Microscopy #166 in Books > Engineering & Transportation > Engineering > Reference > Measurements #178 in Books > Science & Math > Physics > Light

## Customer Reviews

I don't need to use the microscope, I just need to understand the instrument and the 3D images it produces. This book gave me the introduction I wanted. It starts with a brief discussion the basics: illumination, scanning, and rejecting out-of-plane light. The next chapter describes a bit more about the pieces that go into the instrument and a little about the optical theory. That chapter is nowhere near what an instrument designer would need to know. It does, however, give a user enough information to use the tool effectively. The next sections discuss fluorescence, including the problems that arise when handling long and short wavelengths at through the same optics, and a little about specimen preparation using nanoparticles. The final sections briefly discuss applications and possibilities for the future of confocal microscopy. The authors do not have much to say about specific protocols for specific applications - the level is more general and centered more on the microscope itself. Anyone who wants a how-to book for the lab bench is going to be disappointed. I wanted different information, and I got what I wanted from it.//wiredweird

An excellent primer for those who have just a little knowledge, but are missing the background to handle CLSM data with confidence. Readers with some knowledge of the jargon of microscopy will find the book to be an easier read, but this reviewer had no prior knowledge and found the book extremely helpful. It gives enough fundamental information to let the potential CLSM user know where s/he is going to get into trouble. If you are going to image something for the first time, get this book. It'll keep you from interpreting artifacts.

I was dissappointed by this book. It has very little about applications, and more about the physics of the microscope. I find better explanations of the basic concept of CLSM at web sites of some of the microscope manufacturers like [manufacture names]...

[Download to continue reading...](#)

Confocal Laser Scanning Microscopy (Royal Microscopical Society Microscopy Handbooks)  
Introduction to Light Microscopy (Royal Microscopical Society Microscopy Handbooks) American  
National Standard for Safe Use of Lasers: ANSI Z136.1-2000 (ANSI (Laser Institute of America))  
(ANSI (Laser Institute of America)) (ANSI (Laser Institute of America)) Scanning Electron  
Microscopy, X-Ray Microanalysis, and Analytical Electron Microscopy: A Laboratory Workbook  
Confocal Microscopy for Biologists (Disease Management of Fruits and Vegetables) Basic Confocal  
Microscopy Techniques in Confocal Microscopy (Reliable Lab Solutions) Confocal Microscopy for  
Biologists Electron microscopy for beginners: Easy course for understanding and doing electron  
microscopy (Electron microscopy in Science) Sonography Scanning: Principles and Protocols, 4e  
(Ultrasound Scanning) Handbook of Optical and Laser Scanning, Second Edition (Optical Science  
and Engineering) Scanning Electron Microscopy and X-ray Microanalysis: Third Edition Scanning  
Microscopy for Nanotechnology: Techniques and Applications Scanning Electron Microscopy and  
X-Ray Microanalysis Electron Microprobe Analysis and Scanning Electron Microscopy in Geology  
Biological Low-Voltage Scanning Electron Microscopy Scanning Probe Microscopy and  
Spectroscopy: Theory, Techniques, and Applications Scanning and Transmission Electron  
Microscopy: An Introduction New Horizons of Applied Scanning Electron Microscopy (Springer  
Series in Surface Sciences) Fungal morphology and ecology: Mostly scanning electron microscopy

[Contact Us](#)

[DMCA](#)

[Privacy](#)

