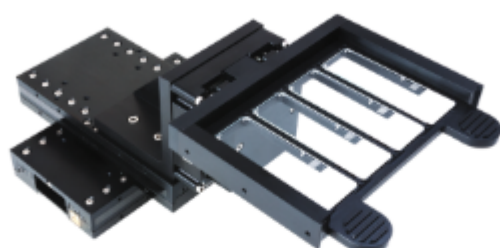


PHOTONICS spectra®

WHITE PAPERS & APPLICATION NOTES

WHITEPAPER



SMARTSTAGE™

Transforming XY Motion for
Automated Microscopy

Modern life science and diagnostic instruments are becoming more precise, and the applications more powerful, as the industry continues to incorporate new enabling technologies. High speed TDI scanning in a fluorescence microscope cannot be accomplished with dated stepper systems. For field to field imaging applications there is a trend toward higher throughput and more precise motion within instruments.

This whitepaper provides an introduction to the SmartStage™ XY platform and a comparison to alternative technologies to show why this technology is already out-performing typical linear motor and lead screw stages.

Dover Motion has been solving the world's most challenging motion problems for more than 50 years.



Transforming XY Motion for Automated Microscopy

The SmartStage™ XY is the first of its kind high performance sample positioning stage where the motion controller, drive circuit, and encoder are ALL built-in. Eliminating multiple cables and external electronics allows for seamless integration, smaller footprint, reduction in product development time, and lower overall system cost. This whitepaper provides an introduction to the SmartStage™ XY platform and a comparison to alternative technologies to show why this technology is already transforming automated digital microscopy.

[DOWNLOAD WHITE PAPER](#)

More White Papers from This Sponsor

- [4 Steps to Optimize the Optics in Automated Imaging Instruments](#)

Visit [Photonics Media](#) to download other white papers and learn more about the latest developments in lasers, imaging, optics, biophotonics, machine vision, spectroscopy, microscopy, photovoltaics and more.

www.photonics.com/WhitePapers.aspx

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949

© 1996 - 2021 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.



LAURIN PUBLISHING

PHOTONICS MEDIA