OASIS Automation Controller for Scope-Pro®

Objective Imaging

MediaCybernetics®
From Images to Answers®

The Perfect Combination for Automated Image Analysis

The Objective Imaging OASIS-4i automation controller gives Image-Pro® users unrivalled performance for automated microscopy applications.

The OASIS driver for Media Cybernetics' Scope-Pro plug-in fully supports automated specimen scanning, focus control, and fast AutoFocus, for standard applications as well as custom solutions based on the industry-leading Image-Pro image analysis platform.

**Scope-Pro®**
PLUG-IN
An Image-Pro® Solution

AUTOMATICALLY CONTROL COMPLEX MICROSCOPY EQUIPMENT IN A SIMPLE AND REPEATABLE MANNER

Scope-Pro is designed for **Image-Pro Plus** and **Image-Pro Express** users who want to control and program the movement of their automated microscope and/or stage. This plug-in allows you to:
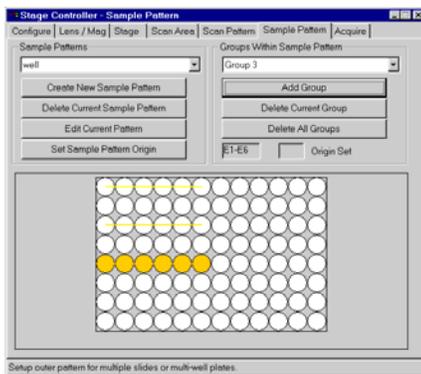
▶ Control complex microscopy equipment in a simple, repeatable manner for reproducible results

▶ Reduce the need to place your eye to the ocular during image acquisition

▶ Virtually eliminate the need to manually adjust microscope controls

▶ Automate repetitive routines for better quality control and increased efficiency

▶ Execute X, Y, and Z scanning for multiple field analysis, Z-Stack composite images and sequences, and many more advanced applications

OASIS-4i
*Four Axis PCI Controller*

POWERFUL, ECONOMICAL MICROSCOPE AUTOMATION CONTROL TAILOR-MADE FOR IMAGE ANALYSIS

The OASIS-4i Controller is a plug-in PCI board, developed to provide a complete solution for system integrators and application developers. It gives fast and precise control of X/Y stage, focus and filter wheel components from most major microscope and hardware accessory suppliers.
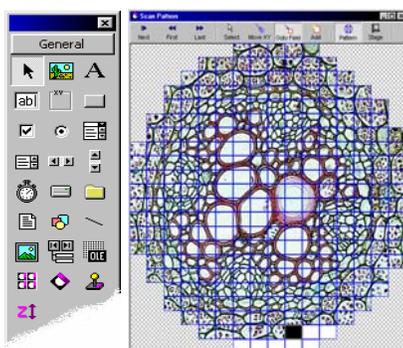
◆ Fully compatible with Image-Pro using Scope-Pro plug-in and OASIS software driver

◆ Easily fitted inside PC and requires no additional boxes or power supplies

◆ Provides simple, economical and unobtrusive integration of microscope control capability

◆ Unrivalled throughput and performance with many unique functions for optimised image analysis applications

◆ Comprehensive modern software tools, offering application developers complete versatility

OASIS Software : Driver for Scope-Pro Plug-in
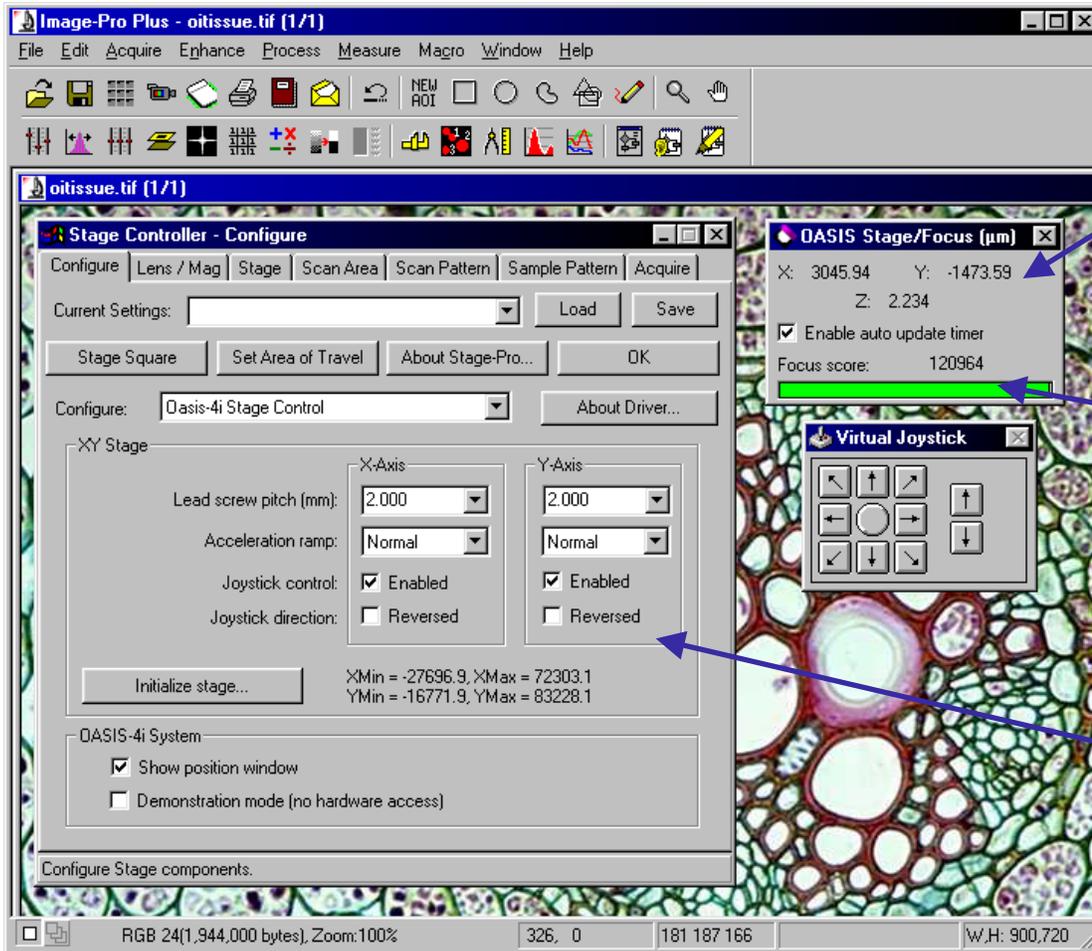
Real-time position display window

Video-rate focus meter and AutoFocus using optional OASIS-AF module

Easy installation and configuration— no serial ports required

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OASIS-4i FOR SCOPE-PRO FEATURE SUMMARY

◆ OASIS driver for full compatibility with Image-Pro applications using the Scope-Pro plug-in

◆ Supports X/Y Stage, Z Focus, and Filter Wheel Scope-Pro components

◆ Single PCI card for highest possible automation performance

◆ Fast, accurate AutoFocus with optional OASIS-AF module

◆ Develop custom applications using Auto-Pro functions in Image-Pro Plus or Visual Basic™

◆ Controller fits inside PC for minimal footprint and fully-integrated overall solution

◆ Compatible with most major microscope stage, focus and filter changer manufacturers

For further information regarding the OASIS-4i controller, the OASIS driver for Scope-Pro, and hardware compatibility, please contact Objective Imaging Ltd.

Objective Imaging

Innovative Solutions for Automated Microscopy