

SmartScan

Microscopy Remote Focusing



Fast & Smooth Focus Control

No Mechanical Movement

No Objective or Stage Move



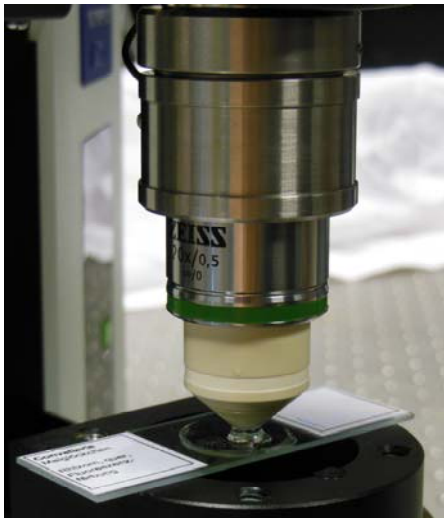
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SmartScan

Microscopy Remote Focusing

No mechanical movement - Fixed objective and specimen while focusing



Benefits For Life Science Microscopy

With SmartScan, the objective and the specimen stay in fixed position while adjusting the focal plane, eliminating perturbation or vibrations for the specimen. Focus adjustment can be difficult when using high magnification, as the working distance can be very short or with water dipping or oil immersion objectives as the focal plane is very shallow. With no objective and specimen move, SmartScan always ensure oil or water contact while adjusting the focal plane.

No specimen perturbation - Ideal for high magnification & immersion objectives

Easier and Safer focus control - Less fatigue for repetitive tasks



Benefits For Industrial Microscopy

SmartScan provides extended focus control with no mechanical movement for the objective, the sample or the microscope stage, eliminating all damage risks with sensitive parts. Remote focusing reduces user fatigue and improves productivity as enabling focus adjustment with just easy-access button and quick response while viewing live image on computer.

Adjust objective working distance - Eliminate sample damage risks

Specifications

Mechanical Adaptation



Compatible with Finite - Infinite type

Air or water dipping lenses

Supplied with thread adaptors :

m27x0.75

m25x0.75

W0.8/RMS

Easy fit to any microscope

Focusing Range

100mm / Objective Magnification²

i.e Objective 10X : Focusing Range: $100/10^2 = 1\text{mm}$

Control Box

On/Off switch

Standard cable length: 1m

12V / 1A 110-220 VAC

Dimensions

Optical head : Height 40mm ; Diameter 40mm

Control Box : Height 40 ; Length 150 ; Width 160

