



Fully Motorized Leica IsoPro™ Cross-stage

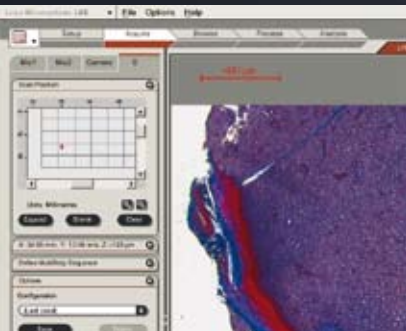
**Provides comfort, convenience, and precision
to industrial and life science stereomicroscopy applications**

Leica
MICROSYSTEMS

Ideal Solution for Routine Screening and Inspection

If routine inspection and screening makes up most of your stereomicroscopy time, the fully motorized Leica IsoPro™ cross-stage is the ideal solution for you. Ergonomically designed to provide comfort, convenience, and precision while viewing, this motorized cross-stage, combined with Leica Application Suite (LAS) software, makes routine tasks even easier.

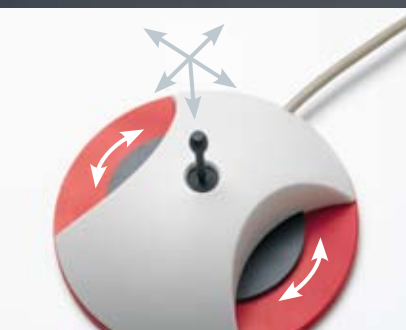
The Leica IsoPro™ combines all of the outstanding features for which Leica Microsystems is renowned: the highest mechanical manufacturing quality and complete compatibility with existing stereomicroscope configurations. The Leica IsoPro™ can help save time and money – a safe investment in your facility's future needs.



Leica Application Suite (LAS) software allows an unlimited number of stage positions to be stored and retrieved at the touch of a button...



...including capturing and storing images.



Leica Controller PSC automatically adapts stage travel speed to the stereomicroscope's zoom level, which provides precise, smooth stage movement.



Highly Precise for Industrial Inspection

A high degree of automation makes the Leica IsoPro™ cross-stage perfect for industrial applications; for example, wafer inspection in the semiconductor industry. Combining the LAS MultiStep software module with the microscope system provides the perfect solution for precise, automated inspection. With an accuracy of 2µm, wafers can be positioned under the microscope and photographed with no manual involvement, resulting in less room for error.

Comfort and Convenience for Routine Research

The Leica IsoPro™ cross-stage features SlideOn™ technology to provide a relaxed, comfortable working environment so users can attain complete concentration for routine research. Working with specimens in 96 well plates, for example, is one application that benefits from this technology. Even at high magnification, the stage ensures a constant focusing plane for the entire work surface with no need for inconvenient, time-consuming refocusing.



As part of Leica's modular stereomicroscope product line, the Leica IsoPro™ cross-stage is compatible with existing Leica stereomicroscope bases, making it a sound investment now and in the future.



The Leica IsoPro™ features an additional motor to compensate for tiny inaccuracies. Combined with Leica LAS software, brilliant images are obtained.

Fully Motorized Leica IsoPro™
Cross-stage (10 447 305)
with Leica PSC (10 447 444)

Technical Data

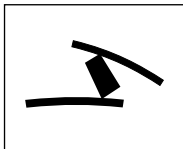
Compatibility	Leica incident base and TL base series (TL BFDf, TL RC™, TL RCi™)
Stage Size (L×B×H)	335,5 mm×370 mm×41,5 mm
Stage Travel Range	150 mm×100 mm (6"×4")
Stage Speed X,Y	30 mm/s
Motor Resolution X,Y	0,25 µm
Repeatability X,Y	10 µm
System Accuracy X,Y	±2 µm + 1% of travelled distance
Motor	DC motor with encoders
Backlash	Zero backlash
Sample Holders	All holders are from Leica's TL base series
Acceleration	S-curve acceleration
Computer interface	USB
Automated control options	Leica PSC, Leica Smart Move, Leica LAS via PC
Power supply	100–240 VAC, 50/60 Hz

For detailed information on incident light and transmitted light stands from Leica Microsystems, request our in-depth brochure M1-218-0en.

www.leica-microsystems.com/bases



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