

# Scientifica Buyer's Guide

## **Stages & Platforms**

[www.scientifica.uk.com](http://www.scientifica.uk.com)

# Stages & Platforms

Scientifica's wide range of stages and platforms offer a variety of options for mounting your microscope, sample and other equipment. They ensure superb stability and smooth movement for the most demanding electrophysiology experiments or advanced imaging applications.

Stage or Platform	Suitable Microscope	Movable	Motorised	Suitable with z focus module	<i>In vitro</i>	<i>In vivo</i>	Travel	Advanced Imaging
<a href="#">Motorised Movable Base Plate (MMBP)</a>	Upright	Yes	Yes	No	Yes	Yes	X Travel: 50 mm Y Travel: 50 mm	Yes
<a href="#">Inverted Motorised Movable Top Plate (IMMTP)</a>	Inverted	Yes	Yes	Yes	Yes	No	X Travel: 25 mm Y Travel: 25 mm	Yes
<a href="#">Inverted Movable Top Plate (IMTP)</a>	Inverted	Yes	No	No	Yes	No	X Travel: 25 mm Y Travel: 25 mm	Yes
<a href="#">Motorised Movable Top Plate (MMTP)</a>	Upright	Yes	Yes	Yes	Yes	No	X Travel: 25 mm Y Travel: 25 mm	Yes
<a href="#">Movable Top Plate (MTP)</a>	Upright	Yes	No	No	Yes	No	X Travel: 25 mm Y Travel: 25 mm	Yes
<a href="#">SlicePlatform</a>	Upright	No	No	Yes (with UMS)	Yes	No	N/A	No
<a href="#">Inverted Fixed Platform</a>	Inverted	No	No	Yes (with UMS)	Yes	No	N/A	No

# Stages & Platforms

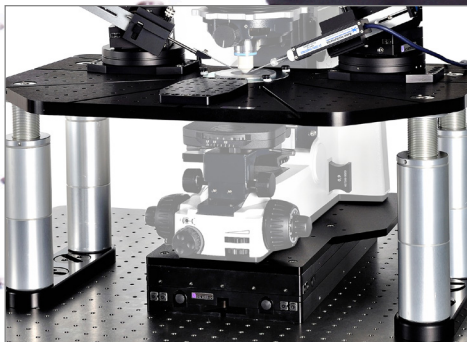
Stage or Platform	Suitable Microscope	Movable	Motorised	Suitable with z focus module	<i>In vitro</i>	<i>In vivo</i>	Travel	Advanced Imaging
<a href="#">Universal Motorised Stage (UMS)</a>	Upright/ Inverted	Yes	Yes	Yes	Yes	No	X Travel: 50 mm Y Travel: 50 mm	No
<a href="#">Manual XY Stage</a>	Upright/ Inverted	Yes	No	Yes	Yes	No	X Travel: 25 mm Y Travel: 25 mm	No
<a href="#">Manipulator Post &amp; Platform</a>	Upright/ Inverted	No	No	Yes (with UMS)	Yes	Yes	N/A	Yes (in conjunction)
<a href="#">Sample Post &amp; Platform</a>	Upright/ Inverted	No	No	Yes (with UMS)	Yes	Yes	N/A	Yes
<a href="#">Motorised Movable Sample Plate (MMSP)</a>	Upright/ Inverted	Yes	Yes	No	Yes	Yes	X Travel: 20 mm Y Travel: 20 mm	Yes
<a href="#">Movable Sample Plate (MSP)</a>	Upright	Yes	No	No	Yes	Yes	X Travel: 20 mm Y Travel: 20 mm	Yes

# Universal Motorised Stage (UMS)

An ideal translation platform for motorised movement in both X and Y axes. Compatible with a wide range of upright and inverted microscopes. Also available with a Z focus module.

## Applications

Electrophysiology  
Network studies  
Patch clamp



Find out more



# XY Stage

A manual version of the UMS. A fingertip controlled, super smooth translation platform for movement in both X and Y axes. Compatible with a wide range of upright and inverted microscopes.

## Applications

Electrophysiology  
Network studies  
Patch clamp



Find out more

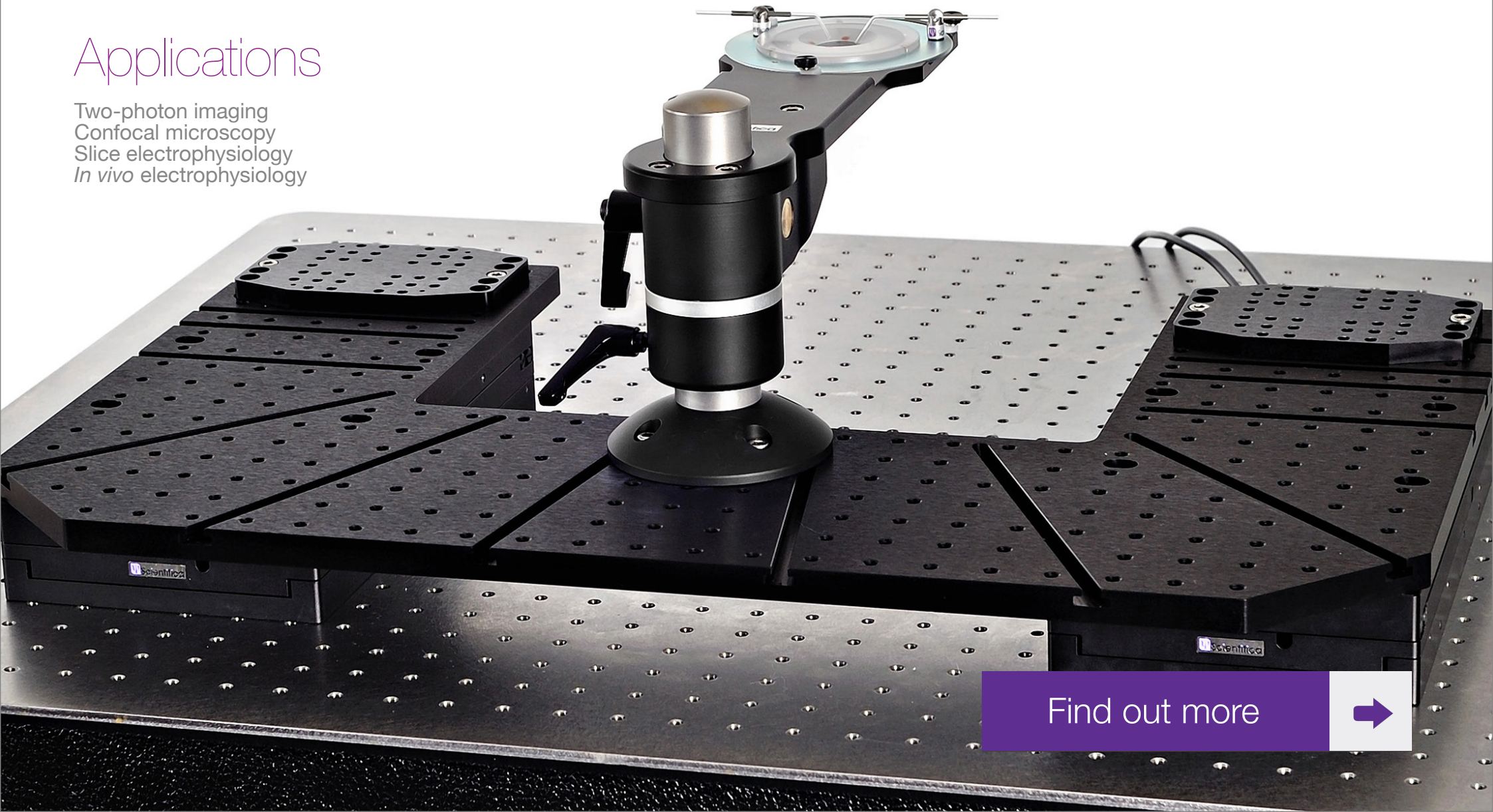


# Motorised Movable Base Plate (MMBP)

Our most versatile and popular stage.  
Ideal for *in vivo*, *in vitro* and two-photon  
or confocal imaging.

## Applications

Two-photon imaging  
Confocal microscopy  
Slice electrophysiology  
*In vivo* electrophysiology



Find out more



# Inverted Motorised Movable Top Plate (IMMTP)

Ideal for static inverted microscopes. Compatible with all major microscope manufacturers.

## Applications

Cultured cell imaging  
Electrophysiology  
Two-photon imaging  
Confocal microscopy  
Network studies



Find out more



# Inverted Movable Top Plate (IMTP)

A manual version of the IMMTP. Perfect for laser applications such as multiphoton and confocal imaging by moving the stage rather than the microscope



## Applications

Cultured cell imaging  
Electrophysiology  
Two-photon imaging  
Confocal microscopy  
Network studies

Find out more



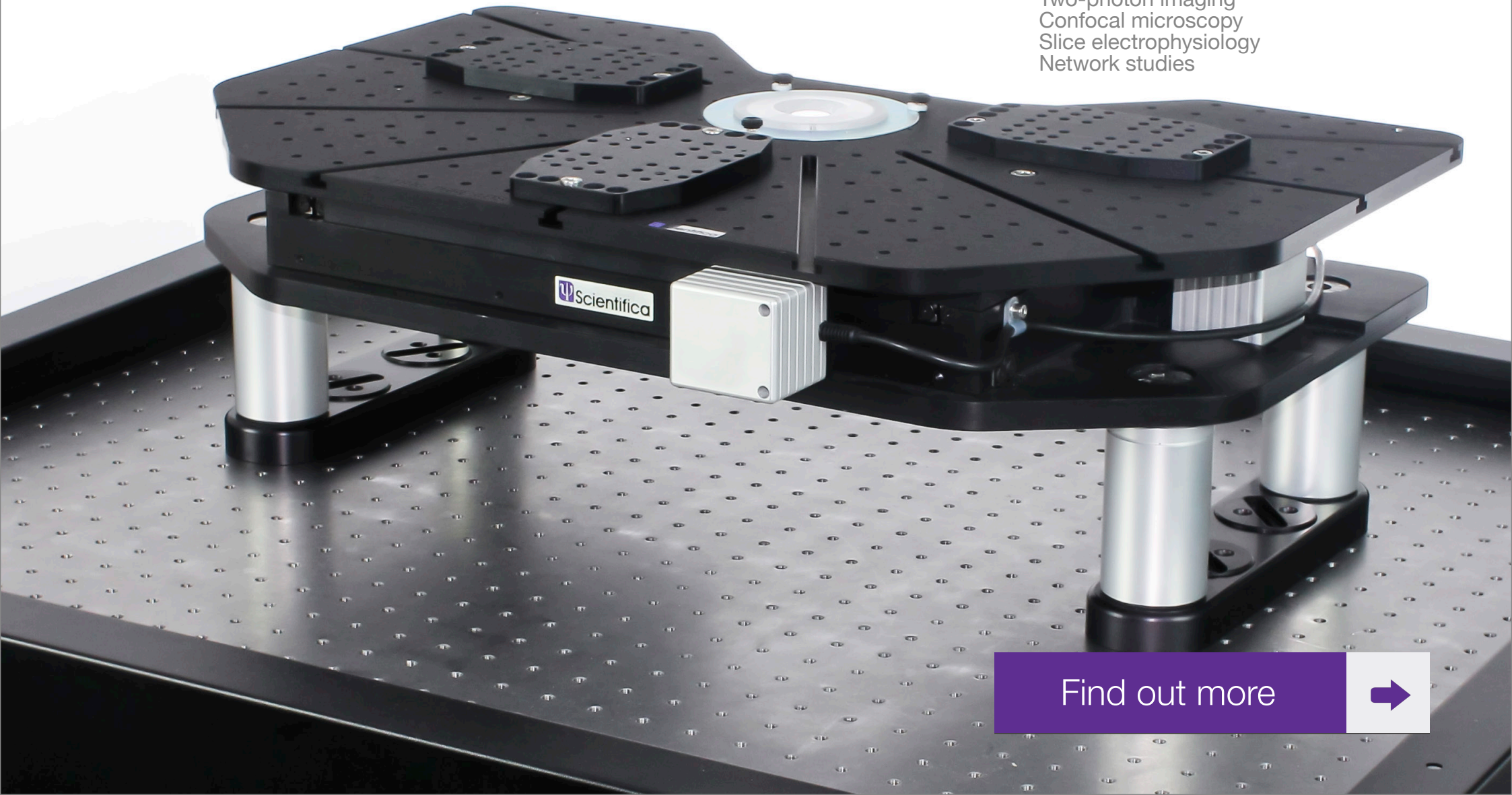


# Motorised Movable Top Plate (MMTP)

Ideal for *in vitro* and two-photon imaging. The large platforms make it easy for the addition of extra manipulators (such as the MicroStar).

## Applications

Two-photon imaging  
Confocal microscopy  
Slice electrophysiology  
Network studies



Find out more

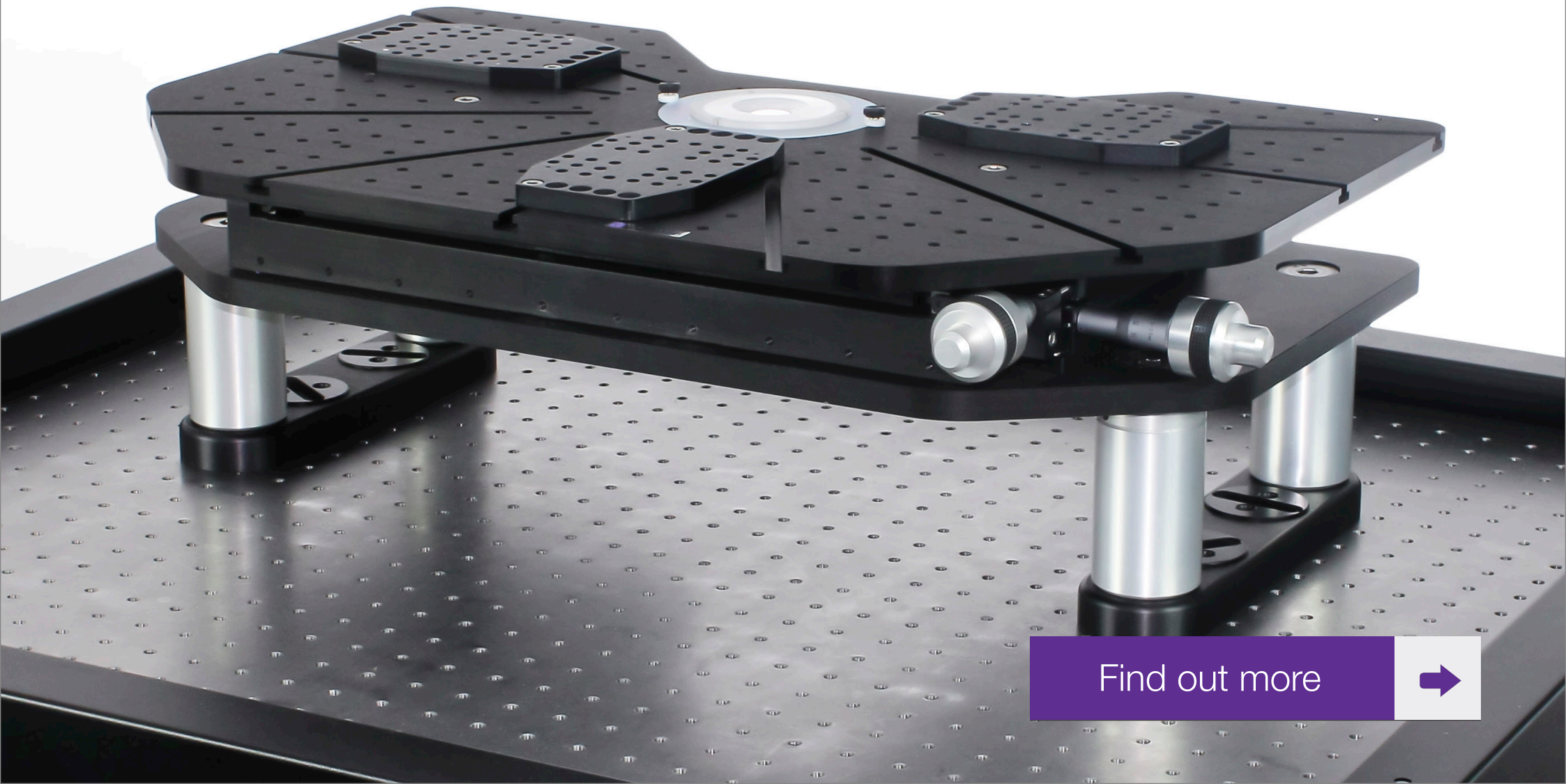


# Movable Top Plate (MTP)

A manual version of the MMTP. Perfect for laser based microscopes such as confocal and multiphoton.

## Applications

Two-photon imaging  
Confocal microscopy  
Slice electrophysiology  
Network studies



Find out more

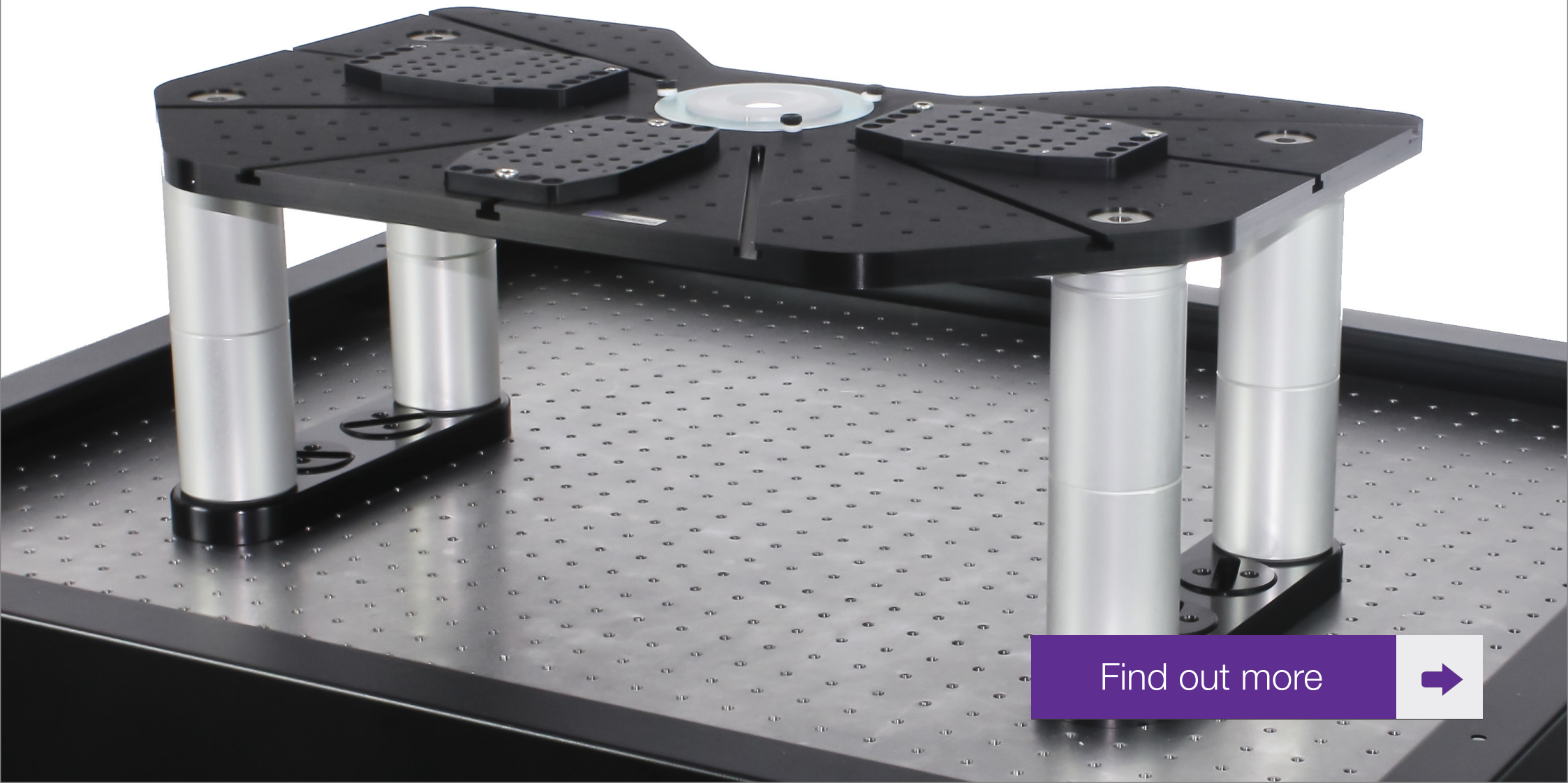


# SlicePlatform

An *in vitro* only stage allowing you more access to your microscope. Ideal for adding extra manipulators. Typically used with the UMS or XY Stage.

## Applications

Electrophysiology  
Network studies



Find out more



# Inverted Fixed Platform

A simple, solid stage for inverted microscopes. Typically used with the UMS or manual XY Stage.



## Applications

Cultured cell imaging  
Electrophysiology  
Network studies

Find out more

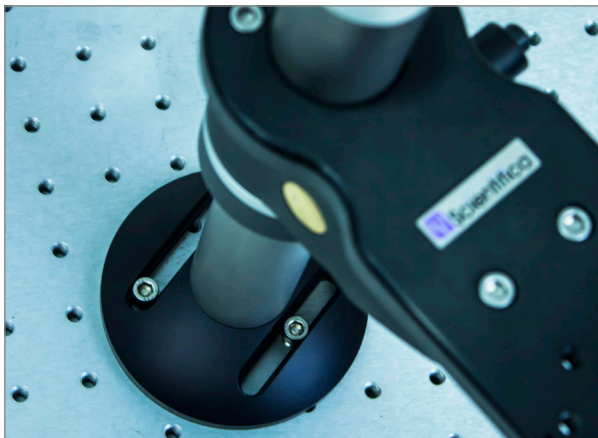


# Post & Platform

Ideal for absolute placement of manipulators, particularly in situations when space is limited. Easily set the perfect height and swing the platform in and out for quick, repeatable, repositioning.

## Applications

Electrophysiology  
Microinjection  
Viral injection



Find out more



# Post & Platform Sample

Ideal for absolute positioning of your *in vivo* or *in vitro* samples. Particularly in situations when space is limited. Easily set the perfect height and swing the platform in and out for quick repositioning.



## Applications

Electrophysiology  
*In vivo* electrophysiology (with *in vivo* sample plate)

Find out more

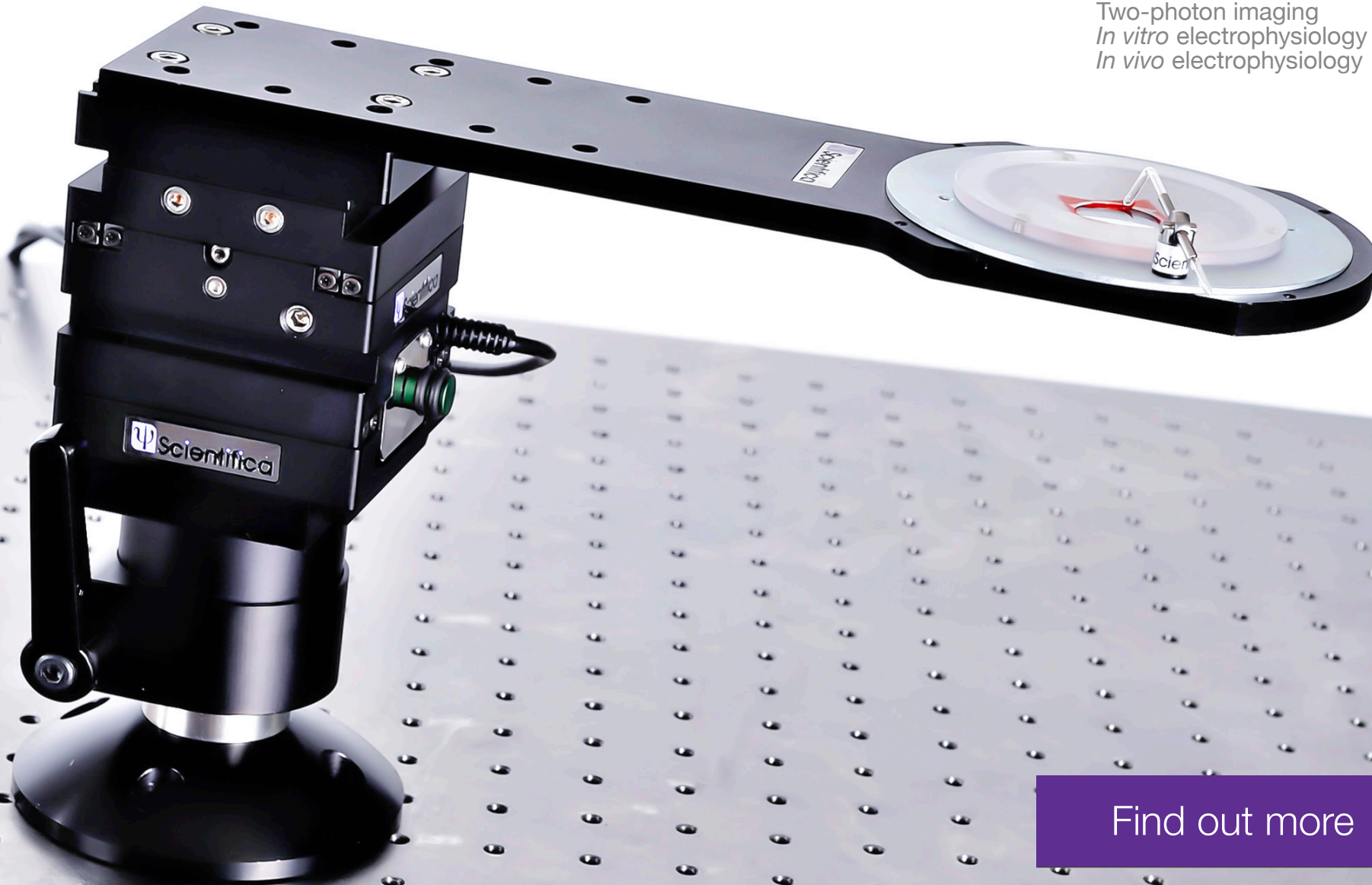


# Motorised Movable Sample Plate (MMSP)

A motorised sample holder for excellent stability and smooth high-resolution movement.

## Applications

Two-photon imaging  
*In vitro* electrophysiology  
*In vivo* electrophysiology



Find out more



# Movable Sample Plate (MSP)

A manual version of the MMSP for smooth movement of your sample under your microscope.



## Applications

Two-photon imaging  
*In vitro* electrophysiology  
*In vivo* electrophysiology



Find out more

