



PRESS RELEASE

15 May 2012

XY Microscopy Stages with PLine Linear Drives

PI (Physik Instrumente) has developed PLine[®] driven XY microscopy stage series M-687 with high resolution linear scales to add to the standard product range available from **Warsash Scientific**. Bundled together with the C-867.262 controller that was specifically designed for microscopy applications, the systems provide:

- Unique low profile and uniformly flat form factor
- High dynamical range from 10µm/s to 100mm/s with good velocity constancy
- High resolution, repeatability, stability and accuracy

Due to these properties the systems are ideally suited for different microscopy applications, benefiting end users and OEMs.

The systems are available in two versions:

1. M26821LNJ Nikon Eclipse Ti Series (Ti-S, Ti-U, Ti-E): The system consists of a M-687.UN microscopy stage, C-867.262 controller and a USB Joystick (C819B0002). It is designed for the inverted Nikon Eclipse Series (Ti-S, Ti-U, Ti-E)
2. M26821LOJ Olympus IX Series (IX51, IX71 and IX81): The system consists of an M-687.UO microscopy stage, C-867.262 controller and a USB Joystick (C819B0002). It is designed for the inverted Olympus IX Series (IX51, IX71 and IX81)

Due to the different geometries of the microscopes the Nikon version provides higher stroke (130 x 85mm) compared to the Olympus version (100 x 75 mm). To achieve 100 x 75mm on the Olympus IX2 series the free aperture already had to be made smaller – it is 110 x 160 mm. The Nikon version stage M-687.UN has a Nikon compatible 238.2 x 157.2mm aperture which is visible once the reduction adapter to 160 x 110mm aperture is removed. (Reduction adapter is included with stage on delivery). This also means that Nikon accessories like the Universal Holder directly fit.

For data sheets or more information on the complete range of PI products, contact Warsash Scientific on +61 2 9319 0122 or sales@warsash.com.au.

