



**PRESS RELEASE**

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## Miniature Linear and Rotary Stages

*High positioning resolution and smallest dimensions are the key features of the new series of linear and rotary positioning systems from **PI miCos**.*

Available from **Warsash Scientific**, these linear stages have a width of only 22mm, travel ranges of up to 26mm and a resolution to 1nm in closed-loop operation. The LPS-22 is one of the smallest precision linear stages available on the market. Small in size, they achieve nevertheless velocities of up to 10 mm/s.

The rotary stages of the RPS series, the smallest diameter of the rotating platform being at 14mm, attain velocities of up to 45°/s.

These miniature linear and rotary stages are piezomotor-based drives. Thanks to this drive principle, small stages sizes with high resolution can be realised, making this series perfectly suited for precision positioning in applications where space is limited and for vacuum environments to  $10^{-9}$  hPa.

The linear and rotary stages can be stacked directly to XY linear or XY $\theta_z$  configurations with rotary stages, no adapter is needed for this.

For closed-loop and open-loop operation, suitable drivers and motion controllers are available. These range from OEM boards without case and bench-top devices to multi-axis systems. User software and drivers for programming Windows or LabView applications are included in the scope of delivery.

For more information, contact Warsash Scientific on +61 2 9319 0122 or [sales@warsash.com.au](mailto:sales@warsash.com.au).

