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PRESS RELEASE
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High precision on travel ranges to 52 mm: N-565 Linear Stage Series with Piezomotor

Warsash Scientific is pleased to announce the compact, nanometre precision N-565 Series from PI. The N-565 stages have a width of 65 mm, a height of only 20 mm, and work with travel ranges of 13, 26 or 52 mm. Depending on the travel range, the length is 80, 110, and 160 mm. The integrated optical linear encoder enables a resolution of 0.5 nm and a minimum incremental motion of 2 nm.

The piezoelectric drive is self-locking; if the target position is reached or the system is switched off, the positioning unit maintains the position without current and without generating heat. The holding force of the positioning stage is 10 N, the maximum velocity is 10 mm/s. The high guiding accuracy is achieved by crossed roller bearings with forced guiding.

The N-565 Series fulfill important positioning requirements, for example, samples, optics or mechanical components in microscopy, in the semiconductor industry, for laser set-ups or applications in a vacuum.

For more information, contact Warsash Scientific on +61 2 9319 0122 or sales@warsash.com.au.