



**PRESS RELEASE**

11 October 2017

## U-523 and U-723 PILine stages from Physik Instrumente

Physik Instrumente, a global leader in the design and manufacture of high precision motion control systems has launched the U-523 linear and U-723 XY stages with the PILine ultrasonic piezomotors. The stages are highly suited to applications that require fast, precision positioning with low duty cycles. The U-523 and U-723 have the following key features:

- Travel range: 22mm and 22x22mm
- Velocity: 200mm/s
- Resolution: 10nm
- Self-locking at rest (no heat generation)
- Highly compact form factor
- Vacuum compatible:  $10^{-6}$  hPa

Applications include:

- Micromanipulation
- Automation
- Sample positioning

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