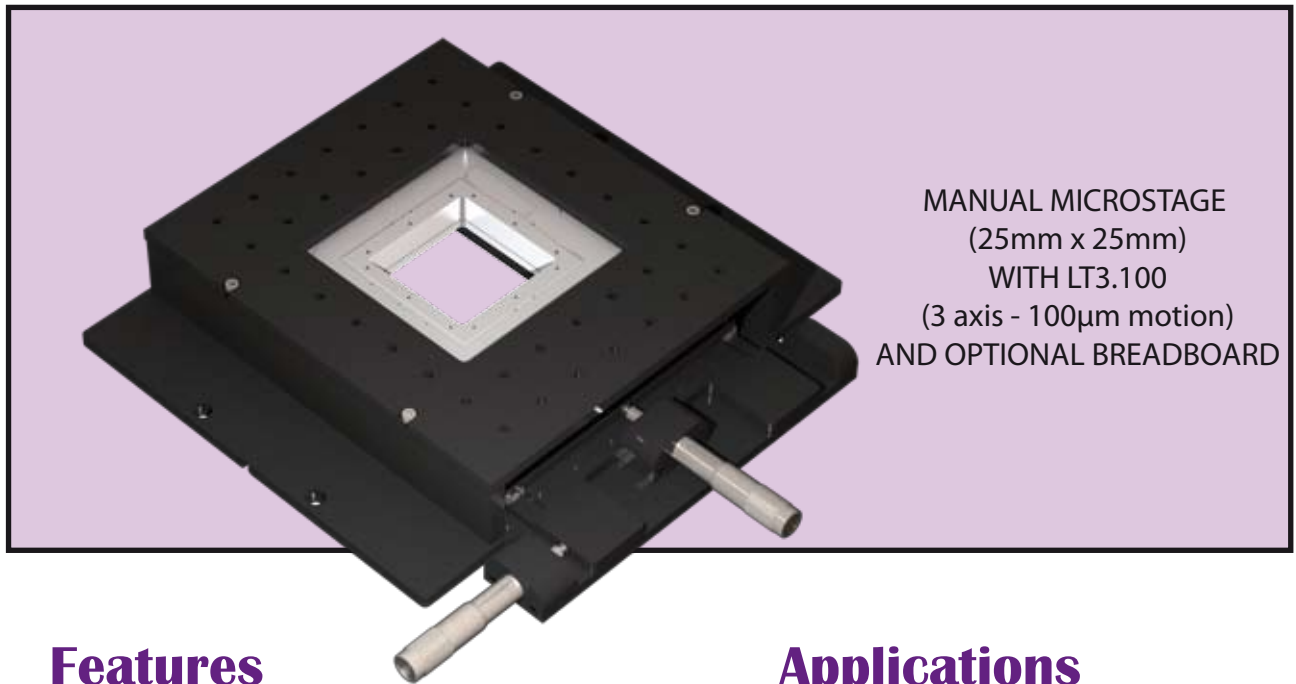


HYBRID SYSTEM

Piezoconcept can provide fully integrated Hybrid positioning Systems for use with inverted optical microscopes (ZEISS, OLYMPUS, NIKON, LEICA). Easy to operate and affordable, our Hybrid Systems combine a manual micrometer driven, two axis, linear motion stage with either standard speed, long range or ultra-high speed ,shorter range nanopositioners. A stable blocking force into each axis of the coarse positioning stage provides a secure base for precision positioning. The nanopositioning system provide sub-nanometer resolution under closed loop control.



MANUAL MICROSTAGE
(25mm x 25mm)
WITH LT3.100
(3 axis - 100 μ m motion)
AND OPTIONAL BREADBOARD

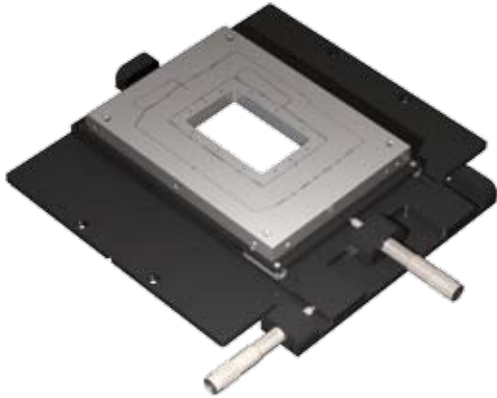
Features

- Low profile
- 25mm x 25mm coarse positioning
- Standard or Ultra-High speed
- Up to 300 μ m XYZ travel (piezostage)

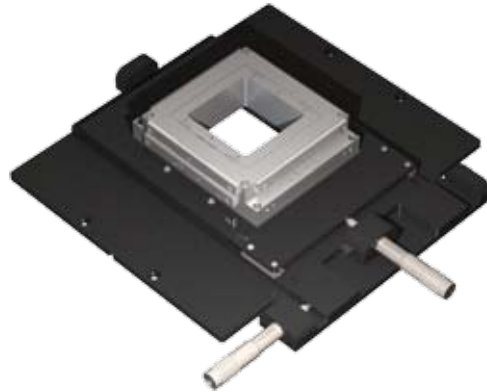
Applications

- Super Resolution microscopy
- Nanolithography
- Particle tracking
- Confocal microscopy
- Atomic Force Microscopy

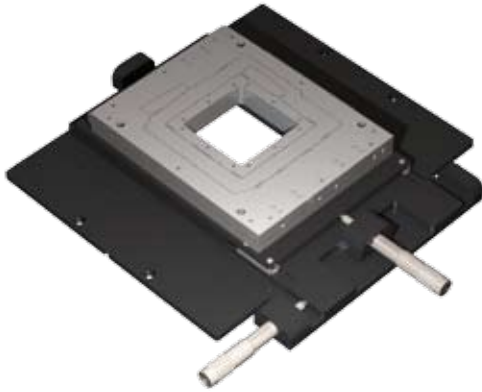
Some examples



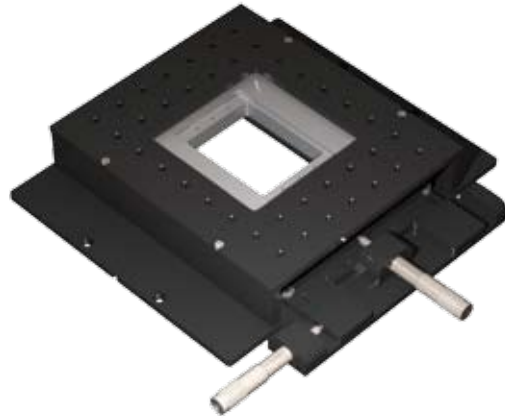
Hybrid System with BIO2



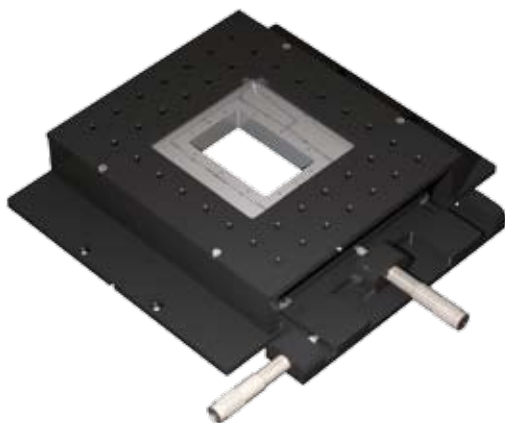
Hybrid System with LFHS3



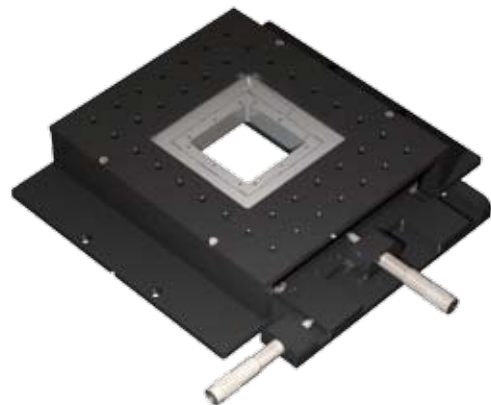
Hybrid System with LT3



Hybrid System with LTHS2
and optional Breadboard



Hybrid System with BIO3
and optional Breadboard



Hybrid System with LT3
and optional Breadboard