MANUAL MICROSTAGE

The manual Microstage we offer has been designed to be a stable base for our nanopositioners. It offers 25mm travel along X and Y and it is proposed for any inverted microscopes (ZEISS, OLYMPUS, NIKON, LEICA). A blocking force of 20N has been implemented into this system so that it doesn't move at the nanometer level even if an high-speed piezostage oscillates on top of it. Standard Microstage are often not able to reach that performance (presence of oscillations or drifts). Optional wings or an optional breadboard (with threaded M6 holes on a 25mm pattern or 1/4-20 holes on a 1 inch pattern) can be also provided.

Features
- Low profile
- Rectangular aperture (95mm x 66mm)
- 25mm x 25mm range of motion

Applications
- Coarse positioning of standard or high speed nanopositioners
Piezostage compatibility

The manual Microstage is compatible with the following nanopositioners:
- BIO2 (see pages 14-15)
- LT2 (see pages 16-17)
- LFHS2 (see pages 18-19)
- LTHS2 (see pages 20-21)
- BIO3 (see pages 24-25)
- LT3 (see pages 26-27)
- LFHS3 (see pages 28-29).

Upon request, it can also be manufactured to be compatible with Z-INSERT (see pages 12-13).

Drawing

Mounting hole location according to the microscope
Compatible with Leica, Nikon, Olympus or Zeiss microscopes

www.piezoconcept.com
Tél : +33(0)478742456
Email : info@piezoconcept.com