

Manual MicroStage-BX Series

Features

- ▶ 25mm travel on XY axes
- ▶ Manual micrometer position adjustment
- ▶ 1 μm vernier scales
- ▶ Integrated, continuous position locking
- ▶ Fits Olympus BX upright microscopes
- ▶ Highly stable

Typical Applications

- ▶ Coarse positioning for high resolution nanopositioning stages
- ▶ Direct replacement for standard, non-locking microscopy stages



Product Description

The Manual MicroStage-BX fits onto Olympus upright BX microscopes and uses manual micrometers to control XY motion. Total XY range of motion is 25mm. Continuous internal position locking combined with excellent stability makes this stage an ideal base for Mad City Labs' high resolution nanopositioning stages. Standard, non-locking, manual microscope stages suffer from posi-

tion drift if used as a coarse positioner for a fast moving nanopositioning stage. Constructed from anodized aluminum, the Manual MicroStage-BX has a specialized mounting arrangement which mates directly with the Olympus BX Series microscopes (see picture above). No additional hardware or brackets are necessary.

Technical Specifications

Axes of motion	XY
Ranges of motion (XY).....	25 mm
Graduations	10 μ m
Vernier graduations	1 μ m
Body Material	Aluminum

