MICROSCOPE TRANSLATION STAGES

XY Sample Measuring Stage

Holmarc manufactures precision XY stages for microscopes of various makes as per custom specifications. These stages have coarse and fine travel mechanisms. Coarse movement with resolution of 0.01 mm is achieved by micrometer heads whereas fine travel with resolution of 0.0003 is achieved by combination of micrometer and lever mechanism. Sample size is generally 25 mm x 75 mm (suitable for standard glass slides).Both X and Y stages have ball bearing guideways for friction less and stick slip free movements. The stage is constructed in aluminium alloy and given a black anodized, reflection free finish.

Manual Sample Stage

MODEL : XY-MF-25

Sample Size	: 75mmx25mm
Travel Range	: 10mm Continuous
Coarse travel resolution	: 10 Micrometer
Fine travel resolution	: 0.1 Micrometer
Suitable for inverted microscope	

Motorized XY Sample Stage

MODEL : XY-MF-150

Sample Size	: 60mmx50mm
Travel	: 150mm (X) & 50mm (Y)
Sample Size	: 60mmx50mm Max.
Drive	: Motorized
Resolution	: 10 Micrometer
Suitable for inverted microscope	

XY Manual Stage for Microscope

MODEL : XY-MIC-25

This XY stage is used to move and position the entire microscope assembly in X and Y directions. The microscope can be mounted on the top surface of the stage by making use of the tapped holes provided. Drive is by standard micrometer heads with 0.01 mm resolution and 25 mm traverse. Smooth movements by micrometers are possible even under heavy loads.This is achieved by to friction free ball bearing guideways used for the stage. Side locks are provided for both axes to avoid accidental movements of the microscope and to ensure added stability once positioned.