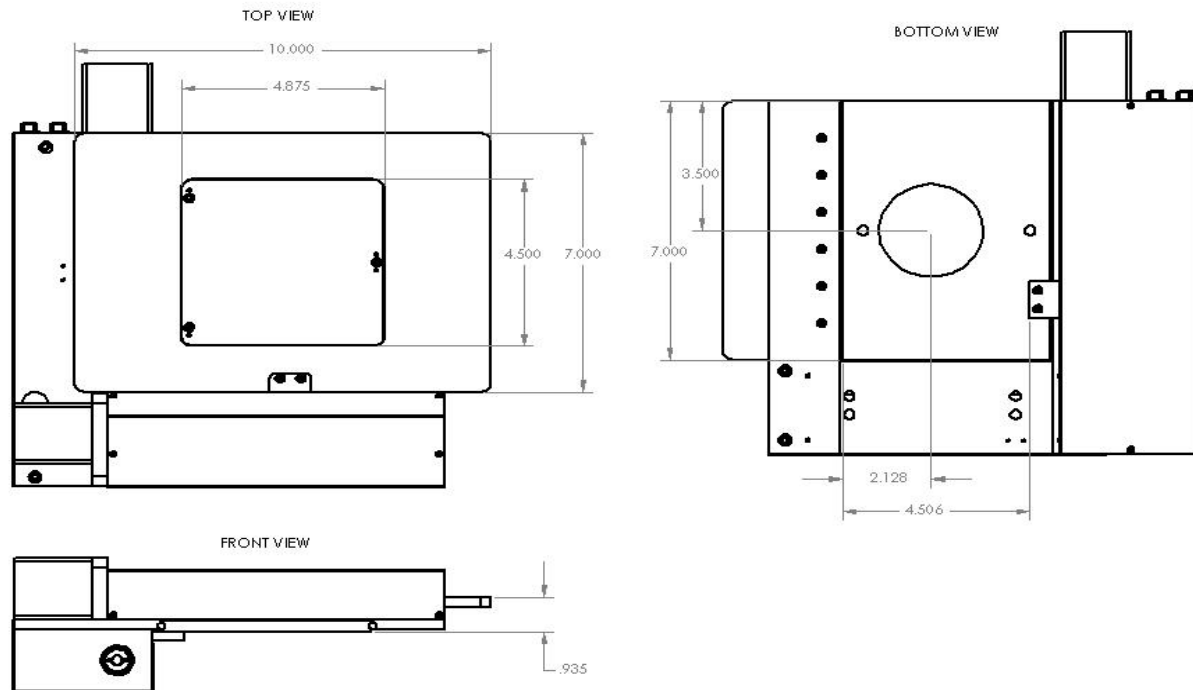


## MOTORIZED MICROSCOPE STAGE

# Model 44 MO

*Franklin* motorized microscope stages are made to mount easily to most microscopes. The *44MO microscope stage* is designed with crossed roller bearings and constructed of precision aluminum with a black anodized Teflon coating. The stage comes standard with a glass insert. An optional insert plate is available which allows for attaching fixtures easily and also leveling of the sample.



SPECIFICATIONS	
BALLSCREW	2MM LEAD
TRAVEL RANGE	102 X 102 MM (4" X 4")
REPEATABILITY	+/- 2 $\mu$ m
MOTOR	2 PHASE STEPPER MOTOR
STEP SIZE WITH FranklinMCI CONTROLLER	0.04 $\mu$ m
LIMIT SWITCHES	MECHANICAL - NON ADJUSTABLE
WEIGHT	9.1 LBS.
TRAVEL FLATNESS	+/- 0.0015"

CAN BE MOUNTED TO THE FOLLOWING MICROSCOPES:	
Nikon LV series	
Olympus BX series	
Leica DM series	
Zeiss Axio series	
Custom bolt-hole patterns available upon request.	

### OPTIONAL ACCESSORIES:

INSERT PLATE: ALLOWS FOR LEVELING OF THE SAMPLE FOR REFLECTED USE

STEPPER MOTOR CONTROLLER: 2 OR 3 AXIS WITH JOYSTICK

MOTORIZED FOCUS KIT: CAN BE MOUNTED ON MOST MICROSCOPES

MOTORIZED FOCUS BLOCK: CAN REPLACE OLD FOCUS BLOCK IN SOME APPLICATIONS.

PLEASE CALL FOR MORE DETAILED INFORMATION.