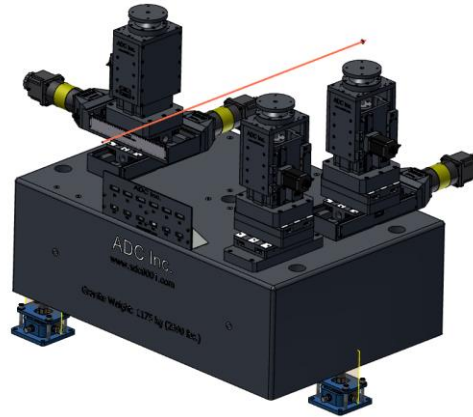


# NSRRC 3 Motorized Legs Table



## Customer:

National Radiation Research Center  
101 Hsin-Ann Road  
Hsin-Chu Science Park  
30076 Hsin-Chu, Taiwan



This 3 Motorized Leg system is a 6 degree of freedom system which will allow the user to manipulate a work surface in x, y, z directions as well as in pitch, roll and yaw. The vertical motion is provided by ADC's UJ 5kN jacks. The rugged black anodized aluminum housing features a precision ground base and top plate, each with multiple utility holes for easy integration into the users' system. The vertical stage is driven by a high class preloaded ballscrew coupled to a high torque 200 step per revolution stepper motor which can be run in full, half, or microstepping mode to meet your resolution requirements. Maximum rigidity is assured using preloaded crossed roller linear bearings. Each jack also features two adjustable, normally closed limit switches at the end of travel. The horizontal motions are driven by ADC's DS400-100 slides which have a 55:1 gear reduction for increased resolution. The stage is driven by a high class preloaded ballscrew coupled to a high torque 200 step per revolution stepper motor which can be run in full, half, or microstepping mode to meet your resolution requirements. Maximum rigidity is assured using preloaded crossed roller linear bearings. Each slide also features two fully adjustable, normally closed limit switches to define the extents of travel. Adjustable leveling feet are placed at the base of the unit to allow the user to level their system to be parallel with the beam. A granite base is used to mount the motions.

