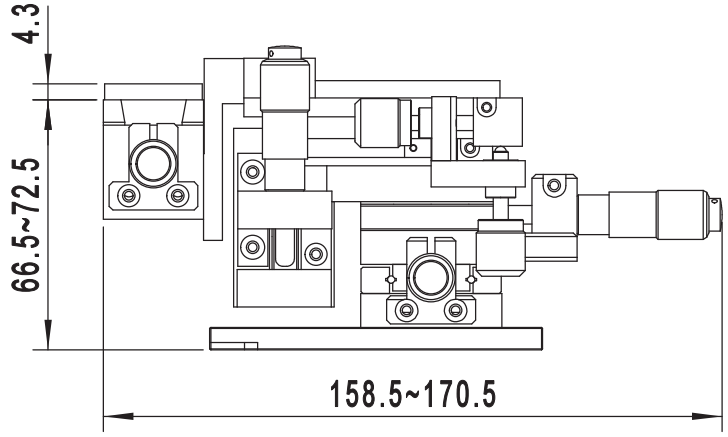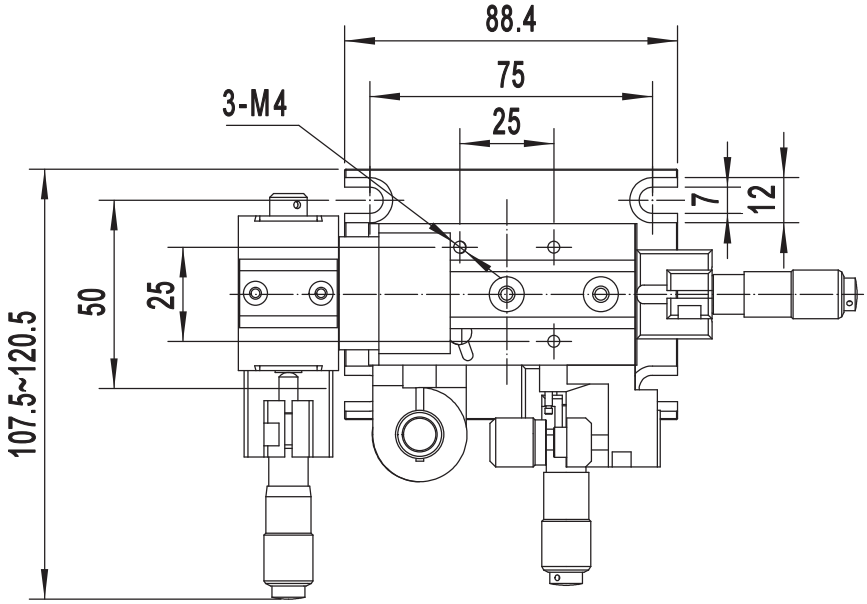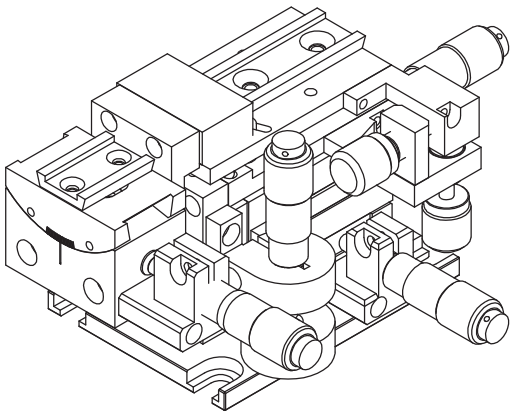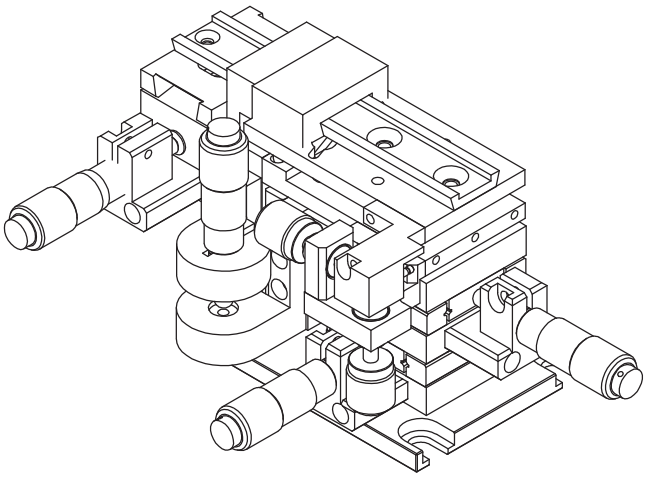APFP-XYZTθ