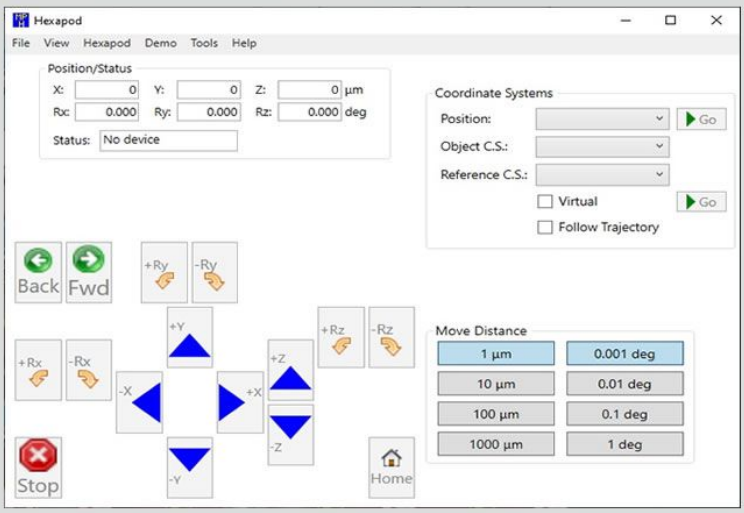
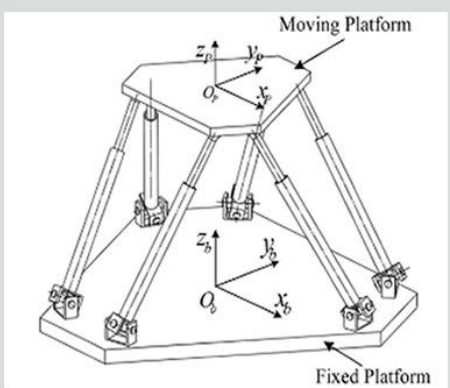
Mini Hexapod Software



The Mini Hexapod (MHP) software is a Windows based application for manipulating a hexapod device like the diagram below. It has the following features:

- **Move the platform in any direction in 3D space.**
- **Rotate the platform about any axis.**
- **Rotate about a pivot point located anywhere in 3D space.**
- **Define multiple Cartesian coordinate systems and switch between them.**
- **Defined named positions so that you can easily move to specific positions.**
- **Responds to a 3D Connexion SpaceMouse for manual control.**
- **Can be remotely controlled with provided API.**



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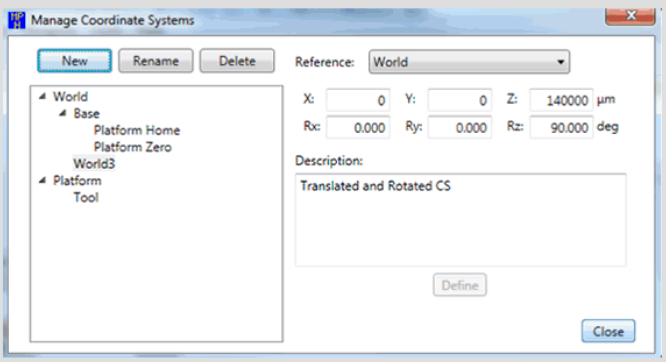
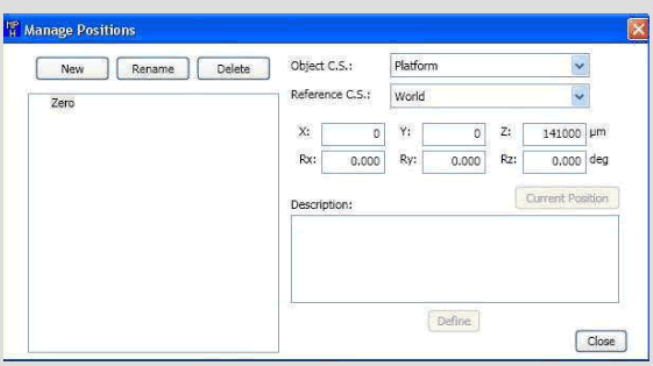
Mini Hexapod Platform



The left side of this dialog shows all of the coordinate systems in a tree view, with each coordinate system listed under its reference. Click on the triangle to the left of a coordinate system to expand or collapse the coordinate systems for which it is the reference.

The right side of the dialog shows the definition of the currently selected coordinate system. Click on a coordinate system in the tree view (left side) to show its definition in the right side.

The definition contains a pull-down for the reference coordinate system and edit boxes for the 6 numbers used to define the transformation for this coordinate system. This transformation describes the location and orientation of the current coordinate system in relation to its reference coordinate system.



The left side of this dialog shows all of the defined positions in a list. Each listed position is stored with reference to a coordinate system. Select a position by clicking on its name.

The right side of the dialog shows the values that define the position and its selected reference coordinate system.

New positions can be defined or edited with the click buttons in the upper left of the dialog. Descriptions of defined position and its use can be stored in a text box in the lower right of the dialog

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