

Cam Software Manual

English

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WARRANTY

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CONTACT US

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SUPPORT

ECAT-M801-8AX

ECAT-M801-16AX

ECAT-M801-32AX

ECAT-M801-8AX/S

ECAT-M801-16AX/S

ECAT-M801-32AX/S

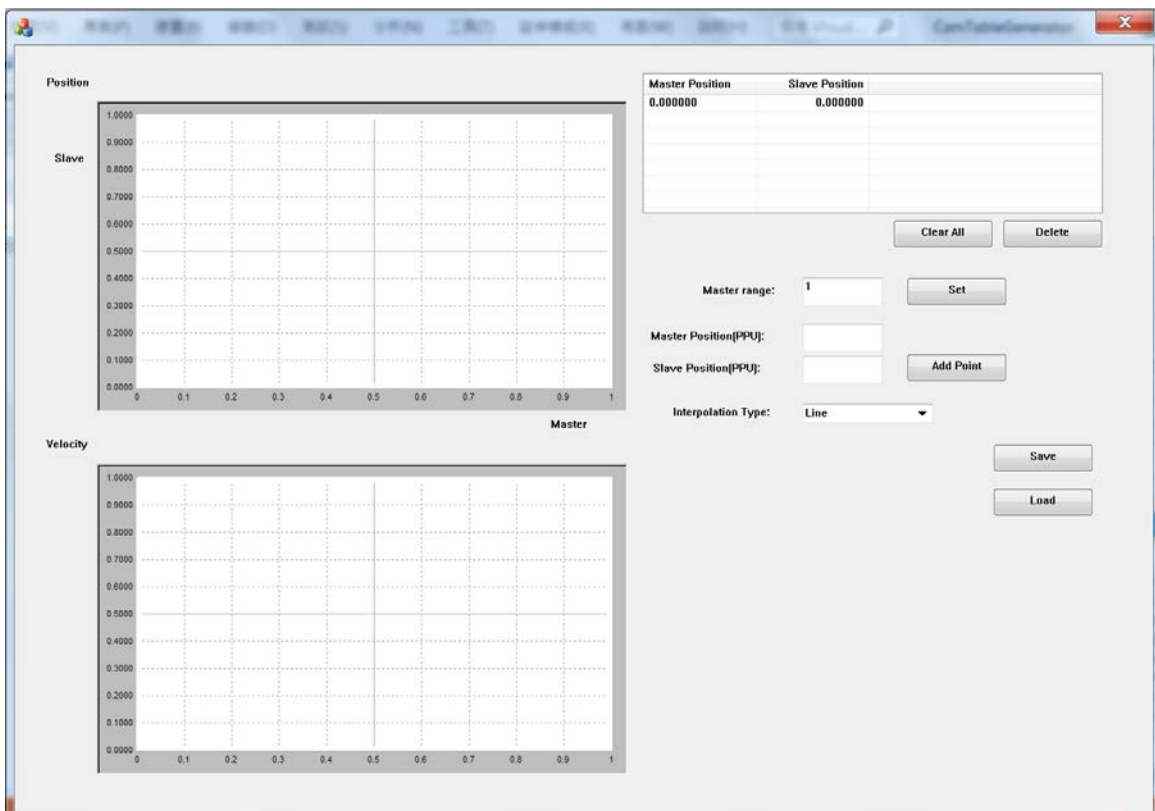
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1. Cam Utility

This application generates Cam Table

1.1.1. Interface description









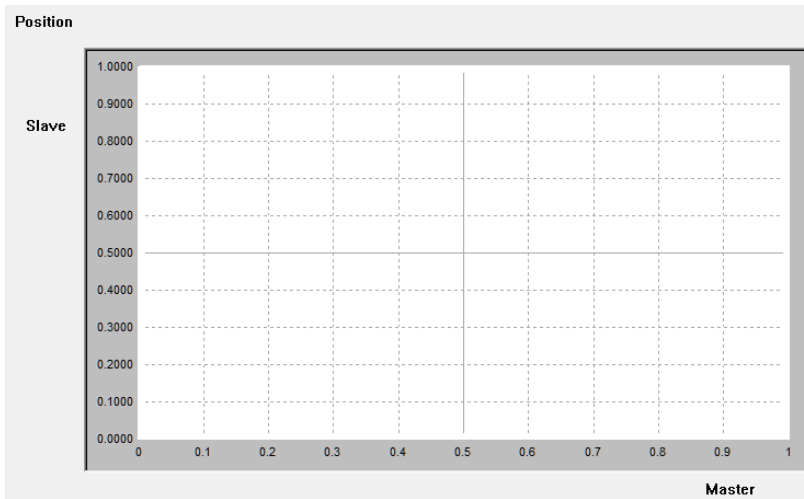
description

Master Position	Slave Position
0.000000	0.000000

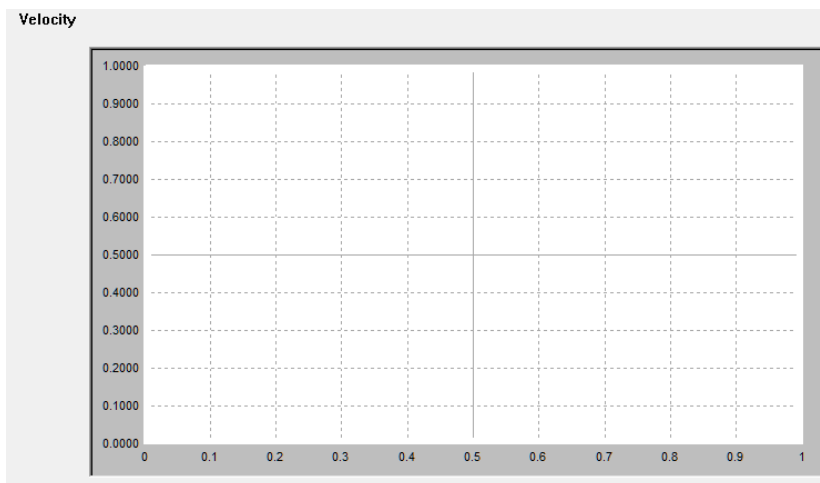
Point list, after adding point, it will appear in this list

item	Description
Master Position	Master Position
Slave Position	Slave Position

-  : Clear all points in the point list
-  : Clear selected points
- **Master range:**  : Master position range
- **Master Position(PPU):** **Slave Position(PPU):**  : Add point
- **Interpolation Type:** : Interpolation method
-   : Save, load file

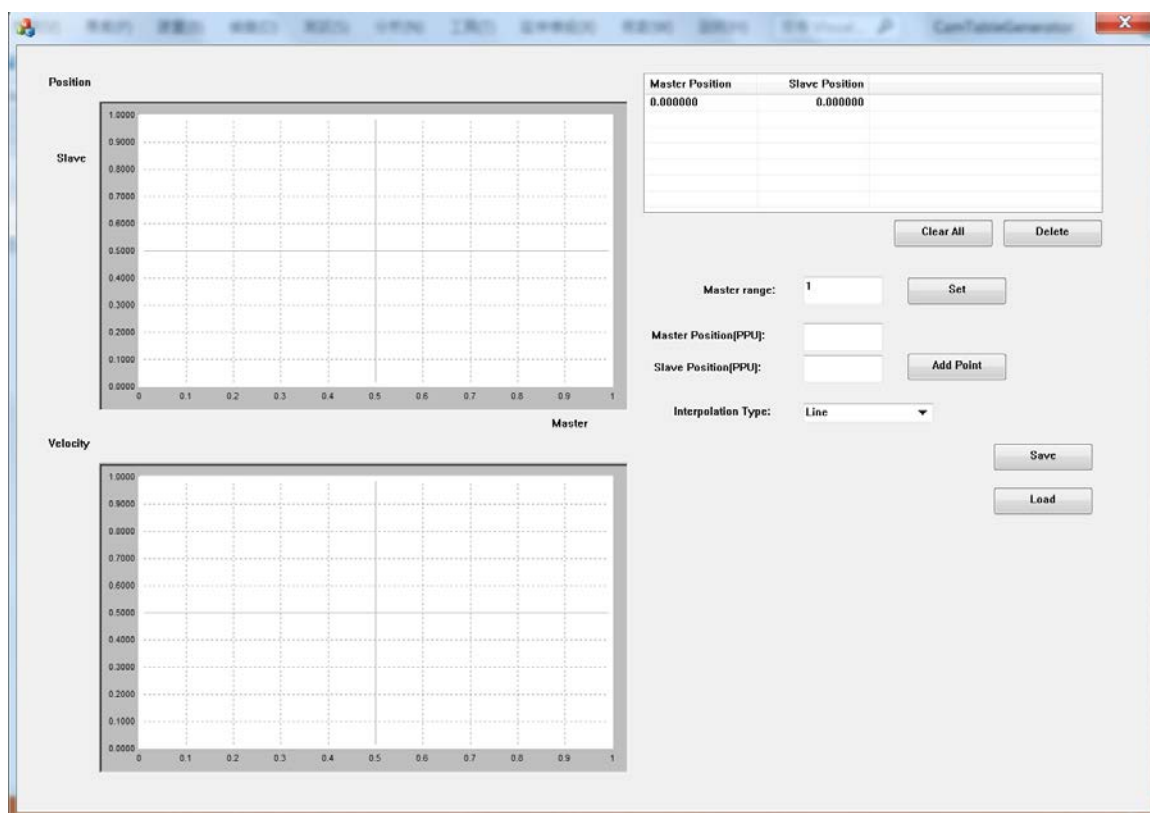


: Position display box



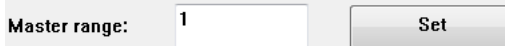
: Velocity display box

1.1.2. Operation steps



Steps

1. Adjust the range of the Master axis

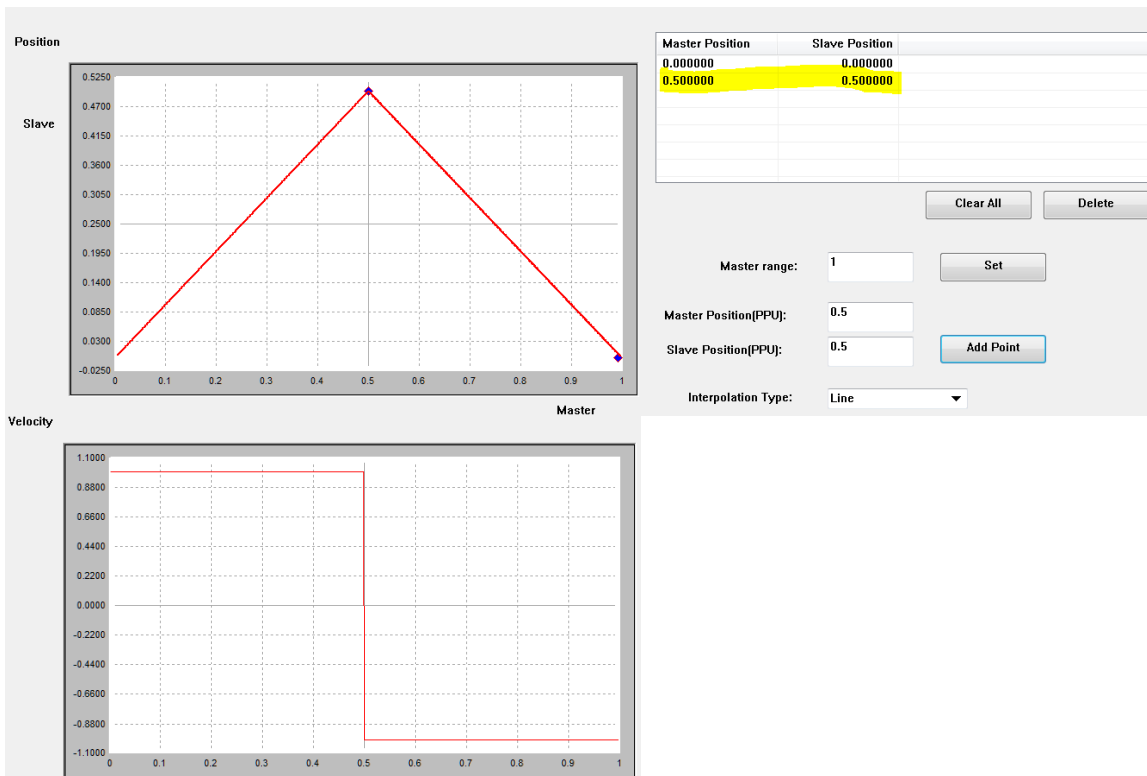


After a cycle from the slave axis, the distance the Master axis needs to travel; the x-axis width of the position display box.

2. Enter the positions of the master and slave axes and press



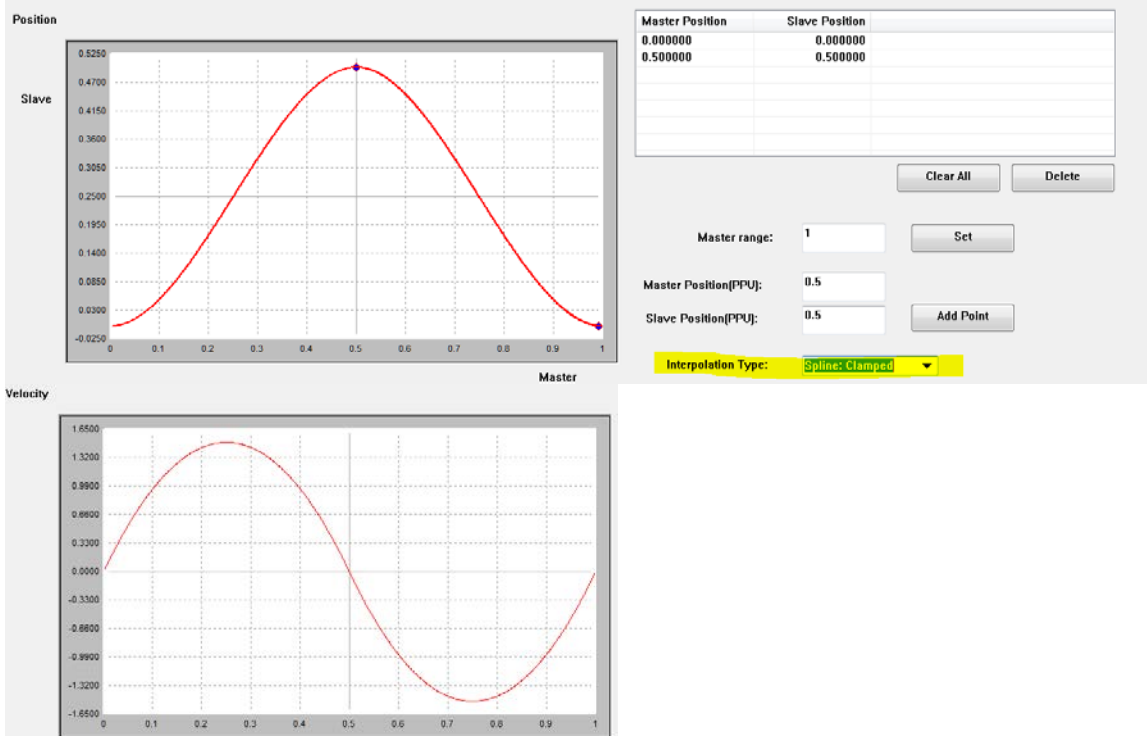
New points are added to the point list and displayed in the position display box and velocity display box.



3. Adjustment

Interpolation Type: **Spline: Clamped**

method of interpolation can be changed.



4. To delete a point, simply click on the point in the point list and press Delete.

Master Position	Slave Position
0.000000	0.000000
0.500000	0.500000

5. Press to save. 2 files will be generated.
1 is "file name.txt", this file is a Cam Table, with a total of 1,000 points. After parsing the file, use ECAT_McSetEcamTable to write the Cam Table to ECAT-M801.
2 is "file name_raw.csv", this file is a list of points. If you are not satisfied with the generated Cam Table, you can modify it by this file.