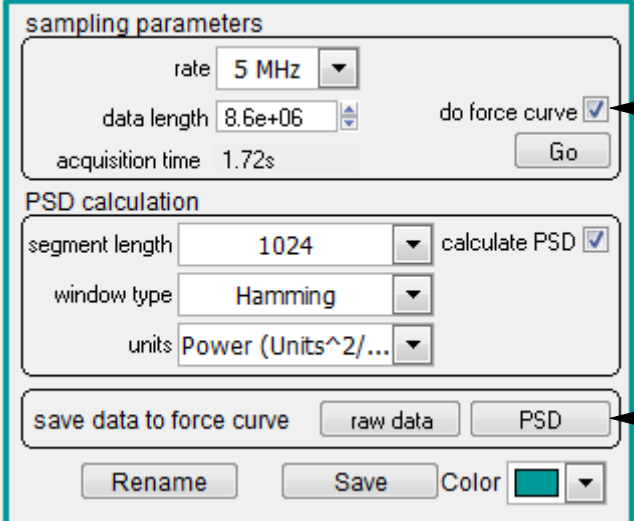


FastCapture user panel

This panel offers a graphical interface for use of the Cypher FastCapture device.
It has been tested in 111111+0729.

Copy MAPFastCapture to the *AsylumResearchserPanels* folder under *My Documents*.
You can then launch the panel from the *User panels...* entry under the *Programming* menu in Igor.



The screenshot shows the FastCapture user panel with the following settings:

- sampling parameters**
 - rate: 5 MHz
 - data length: 8.6e+06
 - acquisition time: 1.72s
 - do force curve: ☒
 - Go button
- PSD calculation**
 - segment length: 1024
 - calculate PSD: ☒
 - window type: Hamming
 - units: Power (Units^2/...
- save data to force curve**
 - raw data button
 - PSD button
- Rename button
- Save button
- Color: [teal color]

Annotations:

- Arrow pointing to 'do force curve' checkbox: "If checked, will do whatever force curve is set up in the 'Force' tab of the master panel."
- Arrow pointing to 'PSD' button: "Saves data as a force curve:
 - raw data as DefIV vs Time;
 - PSD as DefIV vs Freq.""

