

Cash Flow Editor "Pro" Tool

This Tool adds a convenient way to enter, visualize and edit cash flows. To show it, press the **OPT** key, touch the "Finance" menu, and select the "Cash Flow Editor" tool.

The screenshot displays the Cash Flow Editor interface. At the top, it shows the title "Current CF₀, CF_j, N_j". Below this is a table with three columns: "j", "CF_j value", and "N_j". The table contains the following data:

j	CF _j value	N _j
0	-79,000.00	1
1	+14,000.00	1
2	+11,000.00	1
3	+10,000.00	3
4	+9,100.00	1
5	+9,000.00	2
6	+4,500.00	1
7	+100,000.00	1

Below the table is a control panel with several buttons and a keypad. The buttons are: "Add", "Delete", "Insert", "Clear", "Action", and "Done". The keypad includes digits 0-9, a decimal point, a sign change button (+/-), and an "E" button. A dashed red box highlights the keypad area.

Callouts and their descriptions:

- CF Index**: Points to the "j" column of the table.
- CF Value**: Points to the "CF_j value" column of the table.
- CF consecutive repetitions**: Points to the "N_j" column of the table.
- Add**: Adds a new sample to the list.
- Delete**: Remove the current sample.
- Insert**: Inserts a new sample.
- Clear**: Clears to "0" the current sample.
- Action**: Select to Load, Save, Sort or Clear the list.
- Number keypad and editing**: Points to the keypad area.
- Done**: Close the view and updates statistic registers.

The editor has three areas: the data listing, the keypad to enter numbers and the actions buttons.

Data Listing:

- Shows the current content of the cash flow list.
- Touch a CFj or Nj item in the list to select it for editing. The row must exist to allow the selection.
- Use the Keypad to to enter a value in the selected cell.

Keypad:

- The keyboard contains the common 15 keys for number entry including the change sign, exponent and backspace.
- A number in edition is actually entered in the list when the **[INPUT]** key is pressed

Action Buttons:

[Add]	Creates a new data row at the end of the list.
[Insert]	Inserts a new empty CFj, Nj data above the current line.
[Delete]	Deletes the current CFj, Nj data and shift up the list.
[Clear]	Clears the current CFj, Nj data to “0.0” & “1” respectively.
[Done]	Ask for saving in a file or ask if you want to use and copy the current Cash Flows values to the calculator’s registers. Finally, closes the editor.
[Action ►]	Shows a list of actions that affects the whole list: “ Load From File ”: Load a previous saved list into the editor. “ Save To File ”: Save the list in a file for further use. “ Load From Calc ”: Copy the CFj, Nj from the calculator. “ Save To Calc ”: Copy the CF list to the calculator’s CFj,Nj. “ Clear List ”: Clears the list.

Example: Calculate the Net Present Value for a rate of return of 13.5% and the Internal Rate of Return of the following cash flow:

Year	Cash Flow	Year	Cash Flow
0	-\$79,000	6	\$9,100
1	\$14,000	7	\$9,000
2	\$11,000	8	\$9,000
3	\$10,000	9	\$4,500
4	\$10,000	10	\$100,000
5	\$10,000		

Solution: Keystrokes for entering the data (assumes the Cash Flow Editor tool is already shown):

Keys	Comment
[Action ►] [Clear List] [ADD]	Initialize the list for data entry.
Type "79000" [+/-] [INPUT] [ADD]	Enters the initial cash flow (CF ₀)
Type "14000" [INPUT] [ADD]	Enters the CF _j #1.
Type "11000" [INPUT] [ADD]	Enters the CF _j #2.
Type "10000" [INPUT] "3" [INPUT] [ADD]	Enters the CF _j and N _j #3.
Type "9100" [INPUT] [ADD]	Enters the CF _j #4.
Type "9000" [INPUT] "2" [INPUT] [ADD]	Enters the CF _j and N _j #5.
Type "4500" [INPUT] [ADD]	Enters the CF _j #6.
Type "100000" [INPUT]	Enters the CF _j #7.
[Action ►] [Save To File]	Save the list to a file. Name the file "Help-Example" and touch "Save".
[Done]	Touch "Yes" to copy the entered data in the calculator's storage registers.

Calculations: Keystrokes to perform the calculations:

Keys	Comment
Type "13.5" [i]	Type the 13.5% rate of return and press "i" button
[f] [NPV]	Calculates the Net Present Value. Result = 907.77
[f] [IRR]	Calculates the Internal Rate of Return. Result = 13.72