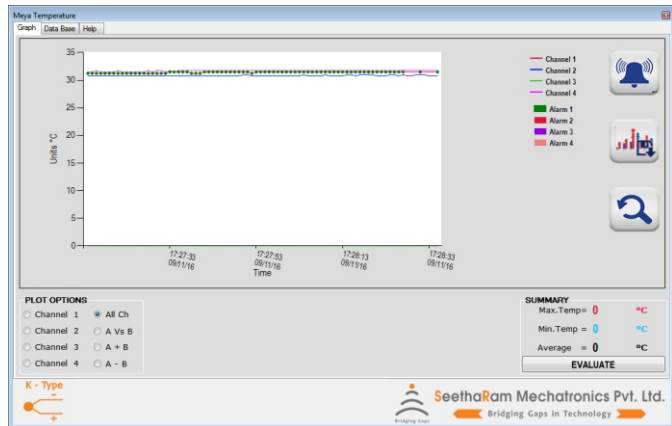


Meya Temperature PC Suite Software

USER'S MANUAL



Read the user's manual carefully before starting to use the unit or software.
Producer reserves the right to implement changes without prior notice.

Seetharam Mechatronics Pvt. Ltd

Office: #3, 8th Street, Vaishnavi Nagar, Chennai-600 109, India.

Web: www.seetharam.in

Email: ram@seetharam.in

Index

Section	Title	Pages
01	PC Interface Setup	03
02	Import File	04
03	Graph Plot	05
04	Alarm	06
05	Save Graph	07
05.1	Zoom In	08
05.2	Zoom Out	08
05.3	Mini.Maxi. &Avg Temp. Evaluation	09
05.4	Plot Options	09
05.5	A vs B Plot	10
06	Delete File	11
06.1	Celsius to Fahrenheit conversion	11
06.2	Fahrenheit to Celsius conversion	12
06.3	Database Content View	12
07	Export	13
07.1	All Data Filter	13
07.2	Custom Data Filter	14

1. PC Interface Setup

Establish connection between Meya Temperature and PC / Laptop via USB cable.



Meya Temperature



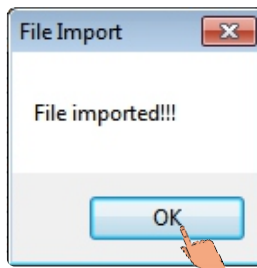
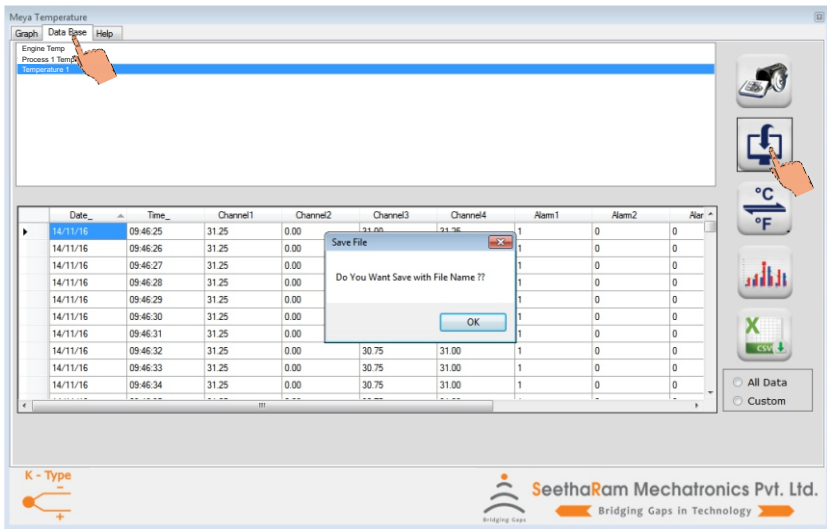
Mini USB Cable



PC / Laptop

2. Import File

Connect Meya Temperature to PC



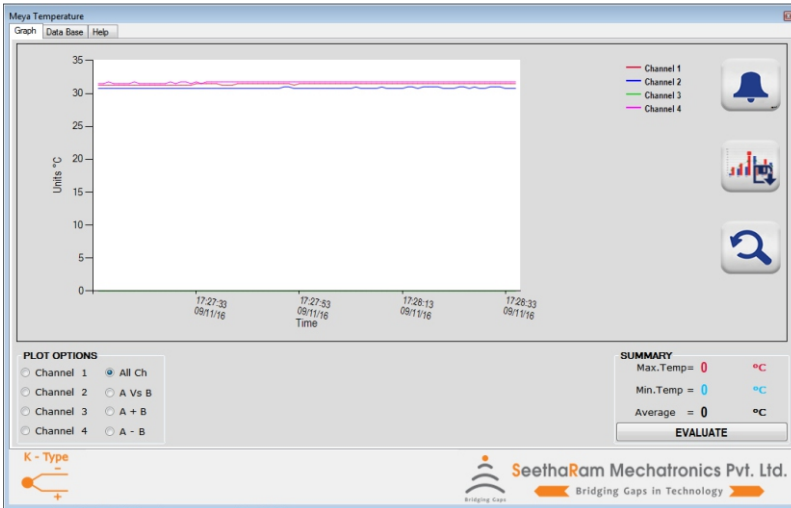
3. Graph Plot

Select the file and press 'plot graph' icon

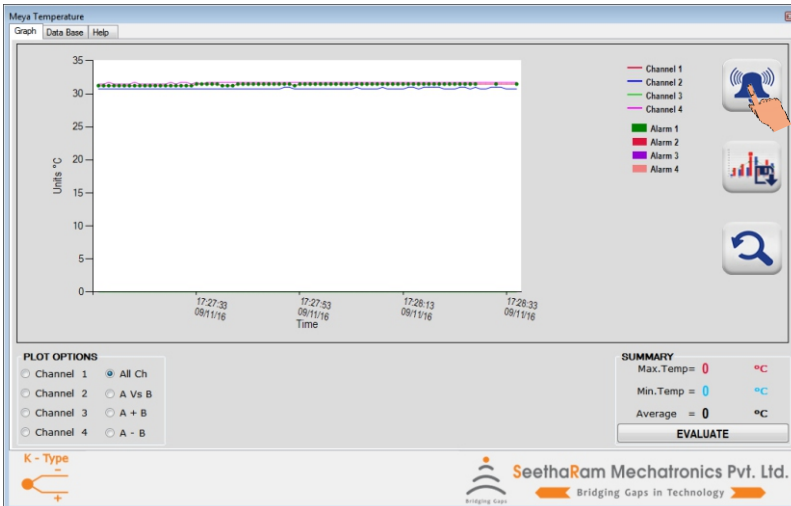
Date	Time	Channel1	Channel2	Channel3	Channel4	Alarm1	Alarm2	Alarm
09/11/16	17:27:13	31.25	30.75	0.00	31.50	1	0	0
09/11/16	17:27:14	31.25	30.75	0.00	31.50	1	0	0
09/11/16	17:27:15	31.25	30.75	0.00	31.50	1	0	0
09/11/16	17:27:16	31.25	30.75	0.00	31.75	1	0	0
09/11/16	17:27:17	31.25	30.75	0.00	31.50	1	0	0
09/11/16	17:27:18	31.25	30.75	0.00	31.50	1	0	0
09/11/16	17:27:19	31.25	30.75	0.00	31.50	1	0	0
09/11/16	17:27:20	31.25	30.75	0.00	31.50	1	0	0
09/11/16	17:27:21	31.25	30.75	0.00	31.75	1	0	0
09/11/16	17:27:22	31.25	30.75	0.00	31.50	1	0	0

4. Alarm

Press Alarm icon to enable /Disable Alarm status points.



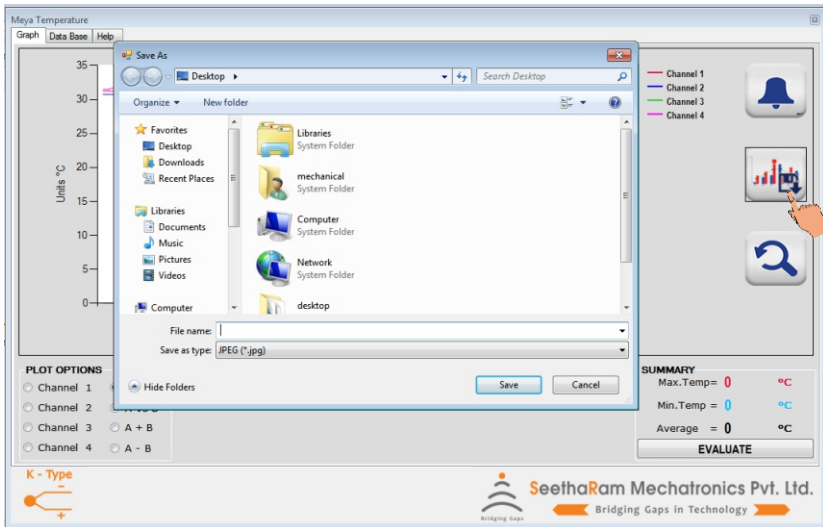
Alarm disabled



Alarm Enabled

5. Save Graph

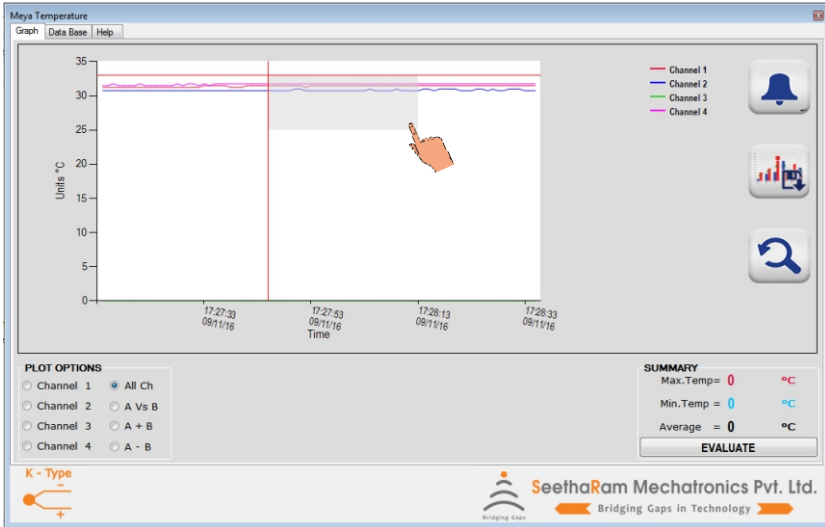
Press save icon to save graph in (.bmp, .jpg, .emf, .png, .svg, . gif, tiff)



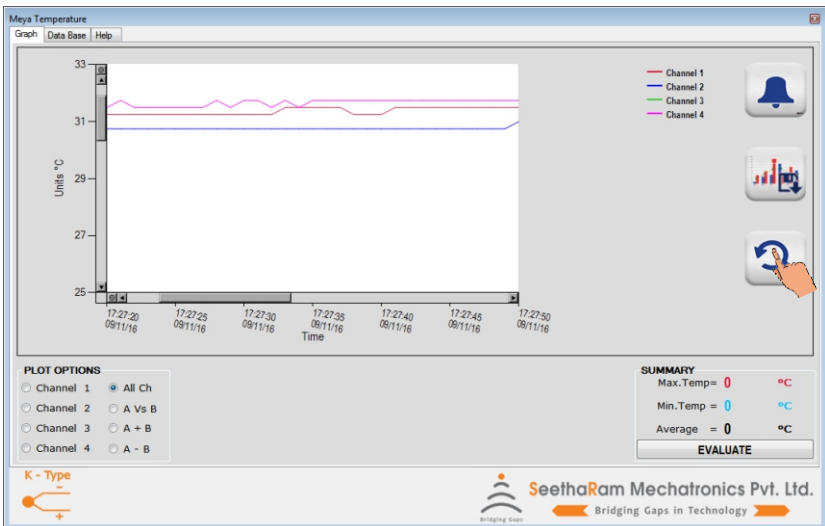
Saved Graph View



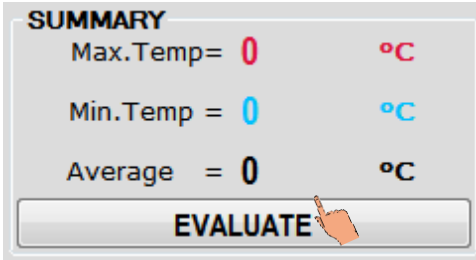
5.1. Zoom In - Left click and drag



5.2. Zoom Out



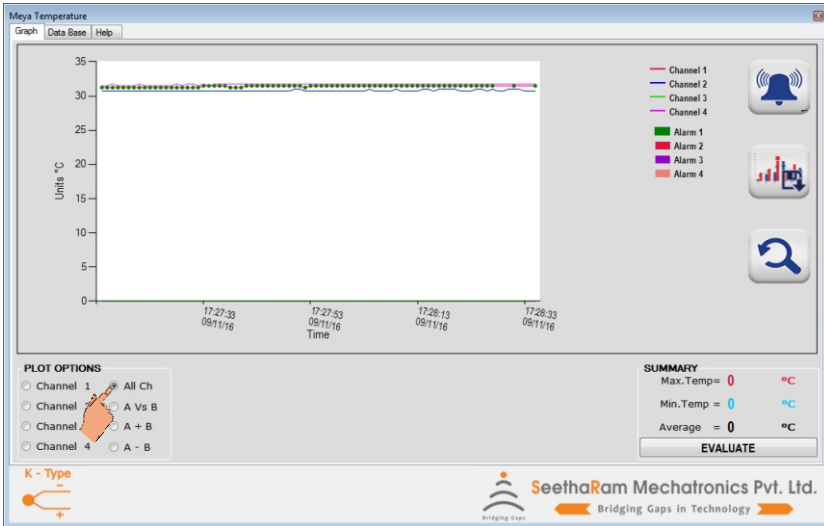
5.3. Minimum, Maximum & Average Temperature Evaluation



Notes: These Values will not be stored in database

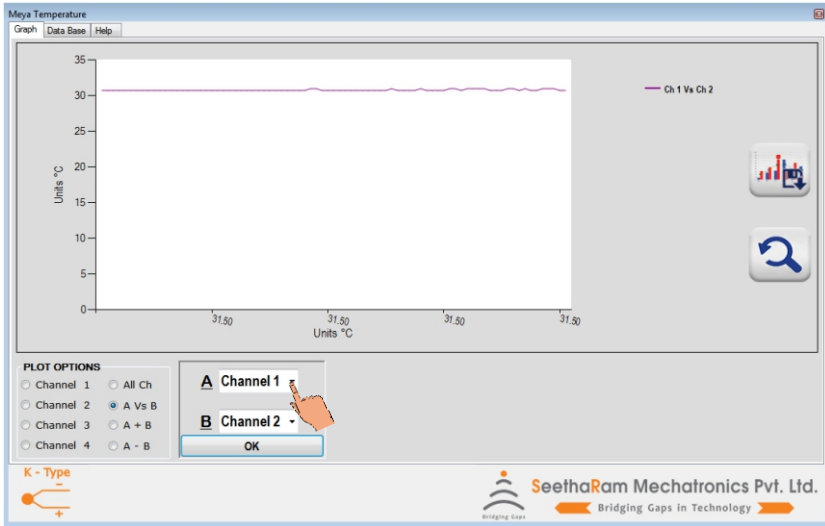
5.4. Plot options

Select the channel to plot the graph.



5.5. A vs B Plot

Select channel from drop down for A & B and press OK.



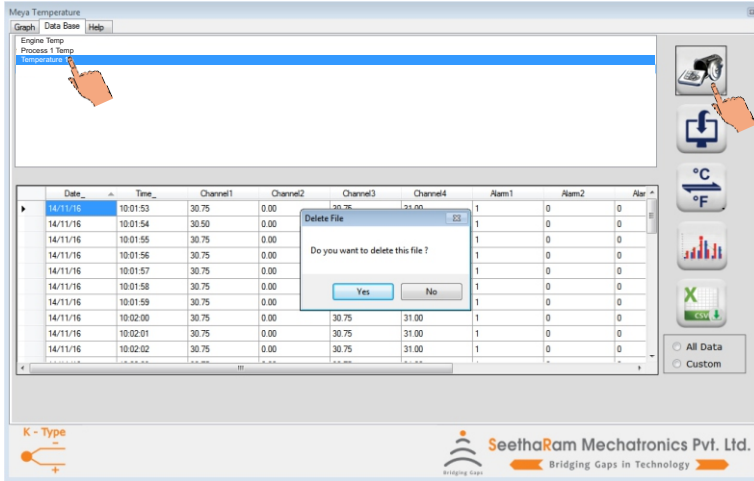
Similarly plot graph for A - B and A + B.

Note: A+B & A-B values will be calculated and stored in database when graph plotted only.

Date_	Time_	Channel1	Channel2	Channel3	Channel4	Alam1	Alam2	Alam3	Alam4	Ch 1 + Ch 2	Ch 2 - Ch 3
14/11/16	09:41:02	87.80000000000000	32	87.35	87.80000000000000	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:03	87.80000000000000	32	87.35	87.80000000000000	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:04	87.80000000000000	32	87.35	87.80000000000000	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:05	88.25	32	87.35	87.80000000000000	1	0	0	0	120.25	-55.34999999999999
14/11/16	09:41:06	87.80000000000000	32	87.35	88.25	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:07	87.80000000000000	32	87.35	88.25	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:08	87.80000000000000	32	87.35	88.25	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:09	88.25	32	87.35	88.25	1	0	0	0	120.25	-55.34999999999999
14/11/16	09:41:10	87.80000000000000	32	87.80000000000000	88.25	1	0	0	0	119.8	-55.80000000000000
14/11/16	09:41:11	88.25	32	87.80000000000000	88.25	1	0	0	0	120.25	-55.80000000000000

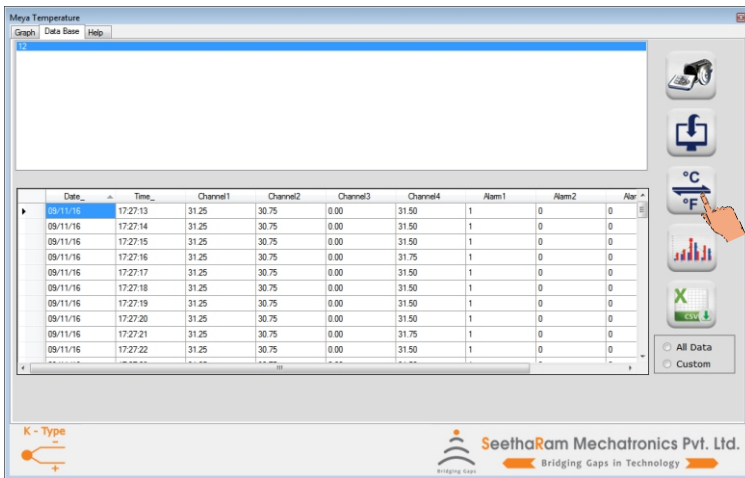
6. Delete File

Select the file and press delete button.



6.1. Celsius to Fahrenheit conversion

Press C to F button



6.2. Fahrenheit to Celsius Conversion

Press F to C Button

The screenshot shows the Meya Temperature software interface. At the top, there are menu options: Graph, Data Base, and Help. Below the menu is a section for 'Engine Temp' and 'Process 1 Temp', with 'Temperature 1' selected. The main area contains a data table with columns for Date, Time, Channel1, Channel2, Channel3, Channel4, Alarm1, Alarm2, and Alarm. A hand cursor is pointing to the 'F' to 'C' conversion button in the right-hand control panel. Below the table, there is a 'K - Type' indicator and the SeethaRam Mechatronics Pvt. Ltd. logo with the tagline 'Bridging Gaps in Technology'.

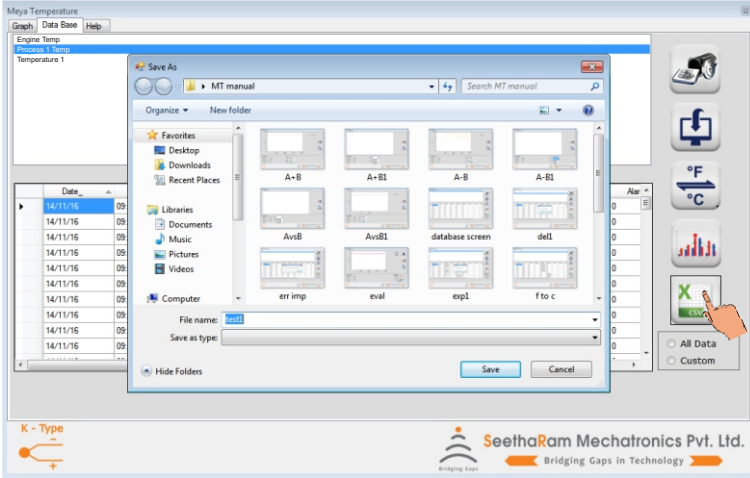
Date	Time	Channel1	Channel2	Channel3	Channel4	Alarm1	Alarm2	Alarm
14/11/16	09:46:25	88.25	32	87.80000000000000	88.25	1	0	0
14/11/16	09:46:26	88.25	32	87.80000000000000	88.25	1	0	0
14/11/16	09:46:27	88.25	32	87.80000000000000	88.25	1	0	0
14/11/16	09:46:28	88.25	32	87.80000000000000	88.25	1	0	0
14/11/16	09:46:29	88.25	32	87.80000000000000	88.25	1	0	0
14/11/16	09:46:30	88.25	32	87.80000000000000	88.25	1	0	0
14/11/16	09:46:31	88.25	32	87.35	88.25	1	0	0
14/11/16	09:46:32	88.25	32	87.35	87.80000000000000	1	0	0
14/11/16	09:46:33	88.25	32	87.35	87.80000000000000	1	0	0
14/11/16	09:46:34	88.25	32	87.35	87.80000000000000	1	0	0

6.3. Database Content View

Date	Time	Channel1	Channel2	Channel3	Channel4	Alarm1	Alarm2	Alarm3	Alarm4	Ch 1 + Ch 2	Ch 2 - Ch 3
14/11/16	09:41:02	87.80000000000000	32	87.35	87.80000000000000	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:03	87.80000000000000	32	87.35	87.80000000000000	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:04	87.80000000000000	32	87.35	87.80000000000000	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:05	88.25	32	87.35	87.80000000000000	1	0	0	0	120.25	-55.34999999999999
14/11/16	09:41:06	87.80000000000000	32	87.35	88.25	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:07	87.80000000000000	32	87.35	88.25	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:08	87.80000000000000	32	87.35	88.25	1	0	0	0	119.8	-55.34999999999999
14/11/16	09:41:09	88.25	32	87.35	88.25	1	0	0	0	120.25	-55.34999999999999
14/11/16	09:41:10	87.80000000000000	32	87.80000000000000	88.25	1	0	0	0	119.8	-55.80000000000000
14/11/16	09:41:11	88.25	32	87.80000000000000	88.25	1	0	0	0	120.25	-55.80000000000000

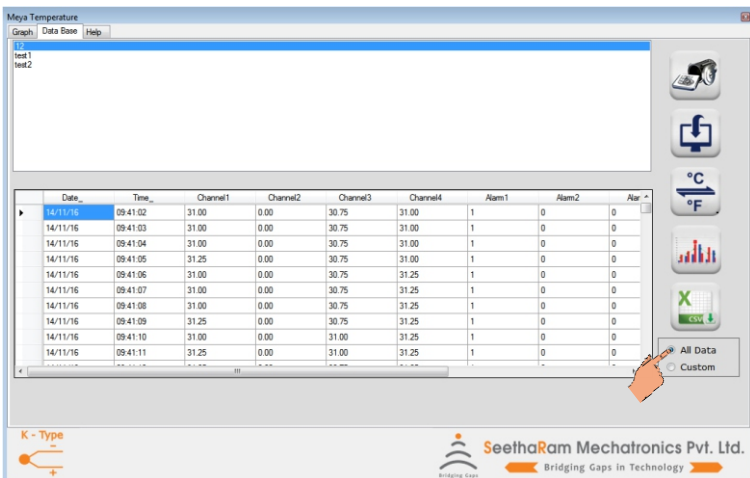
7. Export

Select the file and press export button



7.1. All Data Filter

Select all data filter to view and plot all data in database



7.2. Custom Data Filter

Select date and time from drop down and press filter button.

The screenshot displays the Meya Temperature PC Suite interface. At the top, there are tabs for 'Graph', 'Data Base', and 'Help'. Below the tabs is a large empty area for a graph. To the right of the graph area is a vertical toolbar with icons for printer, copy, temperature units (°C/°F), bar chart, and CSV export. Below the graph is a data table with columns: Date, Time, Channel1, Channel2, Channel3, Channel4, Alarm1, Alarm2, and Alarm. The table contains 11 rows of data for the date 14/11/16. At the bottom of the interface, there are filter controls for 'DATE' and 'TIME'. The 'DATE' filter has a dropdown menu showing '09/11/16' and '14/11/16'. The 'TIME' filter has a dropdown menu showing '17:27:13'. There are also buttons for 'All Data' and 'Custom'. Hand-drawn arrows point to the date and time dropdown menus and the filter button.

Date	Time	Channel1	Channel2	Channel3	Channel4	Alarm1	Alarm2	Alarm
14/11/16	09:41:02	31.00	0.00	30.75	31.00	1	0	0
14/11/16	09:41:03	31.00	0.00	30.75	31.00	1	0	0
14/11/16	09:41:04	31.00	0.00	30.75	31.00	1	0	0
14/11/16	09:41:05	31.25	0.00	30.75	31.00	1	0	0
14/11/16	09:41:06	31.00	0.00	30.75	31.25	1	0	0
14/11/16	09:41:07	31.00	0.00	30.75	31.25	1	0	0
14/11/16	09:41:08	31.00	0.00	30.75	31.25	1	0	0
14/11/16	09:41:09	31.25	0.00	30.75	31.25	1	0	0
14/11/16	09:41:10	31.00	0.00	31.00	31.25	1	0	0
14/11/16	09:41:11	31.25	0.00	31.00	31.25	1	0	0