

KickStart



Guide

Safety precautions

Before using this product, see the safety precautions associated with your instrument. The instrumentation associated with this software is intended for use by personnel who recognize shock hazards and are familiar with the instrument safety precautions to avoid possible injury or death. Read and follow all installation, operation, and maintenance information carefully before using any instrument.

Refer to your instrument's user documentation for complete product specifications. If the product is used in a manner not specified, the protection provided by the product warranty may be impaired.

Safety precaution revision as of January 2018.

KickStart License Manager

The License Manager provides access to KickStart applications and features are to be activated by either a purchased or trial license.

To access the License Manager:

1. Select the settings button .

2. Select **Manage Licenses**.

You can also view previously entered licenses and information like dates and times for when the license was entered and checked out and when the license will expire.

KickStart 2.0 is installed with a trial license. Once the trial license expires, you must purchase a license to run tests using an instrument. Without a license, you can only save application settings and view previously generated data.

Entering a license

Manage KickStart 2.0 licenses using the Tektronix Asset Management System (TekAMS). Each KickStart license is valid for a single computer at a time. Use TekAMS to check out the license for your computer. The email address of the primary user or administrator that manages the license is the one that interfaces with the system. For more information on TekAMS, see www.tek.com/products/product-license.

To generate a license file, you must submit your Host ID. The Host ID is located in the upper left corner of the License Manager window. The Host ID is submitted TekAMS.

Download the license file from TekAMS and transfer it to the computer that will run KickStart 2.0. Using the KickStart License Manager, select **Install License** and browse to the downloaded license file. After the license is entered, the license and its details are viewable in the License Manager.

KickStart - <New Project>

Instruments Apps

DAQ

DAQ6510

My USB DAQ6510

LAN : 134.63.74.17

DMM

DMM7510

My DMM7510

USB

Shelved Instruments

Advanced Discovery

Enter an IP address.

Model

Name

Add

☒ Advanced

Select an instrument name to change it. Right-click it to view more details.

Instruments are automatically discovered and appear in the instruments pane.

Select to change your color theme and manage licenses.

KickStart - <New Project>

Instruments Apps

DAQ

DAQ6510

My USB DAQ6510

LAN : 134.63.74.17

DMM

DMM7510

My DMM7510

USB

To launch an app, double-click or drag the instrument to the main window.

Select an app

Data Logger

DMM

1.946

OK Cancel

Select the app and select OK to run it.

You can add multiple instruments and select an app for each one.

Shelved Instruments

Advanced Discovery

Enter an IP address.

Simulated Instruments

Model

Name

Add

Advanced

KickStart - <New Project>

Instruments Apps

DAQ

My USB DAQ6510

LAN : 134.63.74.17 In Use

DMM

My DMM7510

USB

Shelved Instruments

Advanced Discovery

Enter an IP address.

Simulated Instruments

Model

Name

Add

Advanced

Data Logger-1

Settings Table Graph

Scan

DC Voltage
-
101

2-Wire Resis...
-
105

Temperature
-
110

Scan Start

Channel Start

Scan Stop

Interval Between Scans

Scan Settings

Immediate

Immediate

On Scan Cou...

0 s

Scan Count

10

Channels

101

102

103

104

105

106

107

108

109

110

111

112

113

122

Instruments

In the Data Logger app, you can make more than one scan group and select a group to make changes.

Select Run to start testing.

Selecting the Instruments button shows instrument information and allows you to select multiple instruments in supported apps.

Instruments **Apps**

DAQ
My USB DAQ6510
 LAN : 134.63.74.17 In Use

DMM
My DMM7510
 USB

Shelved Instruments

Advanced Discovery
 Enter an IP address.

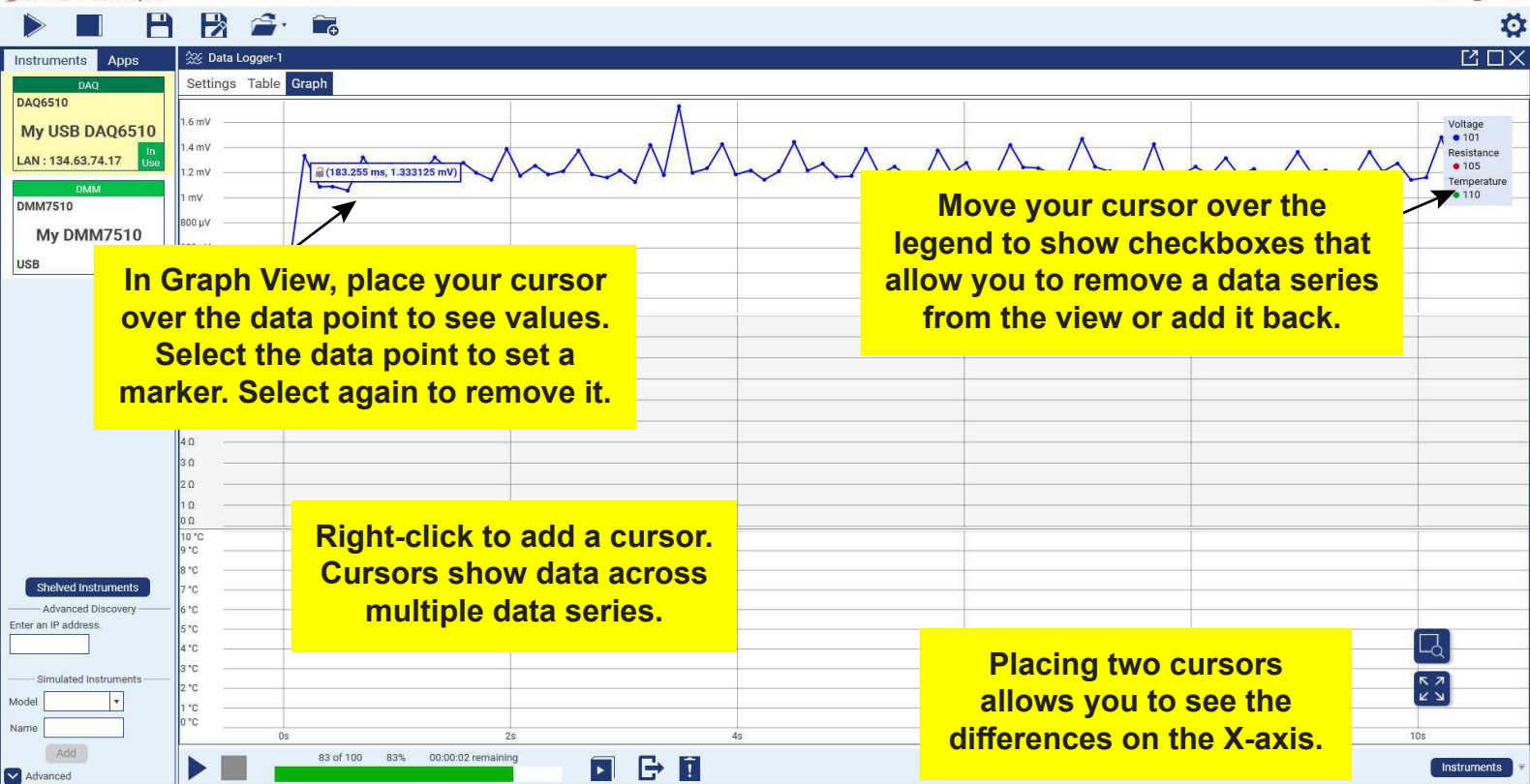
Simulated Instruments
 Model
 Name

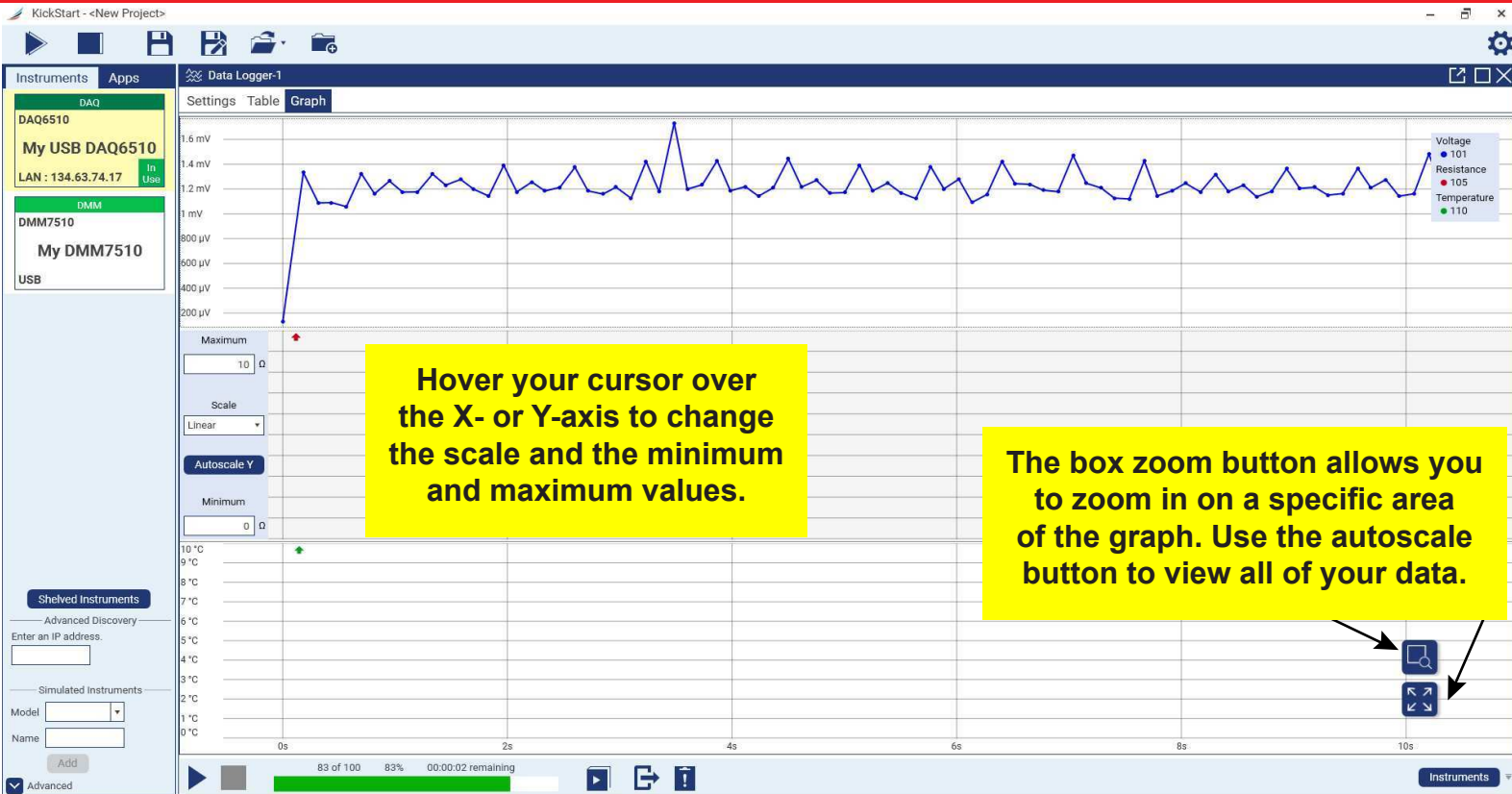
☒ Advanced

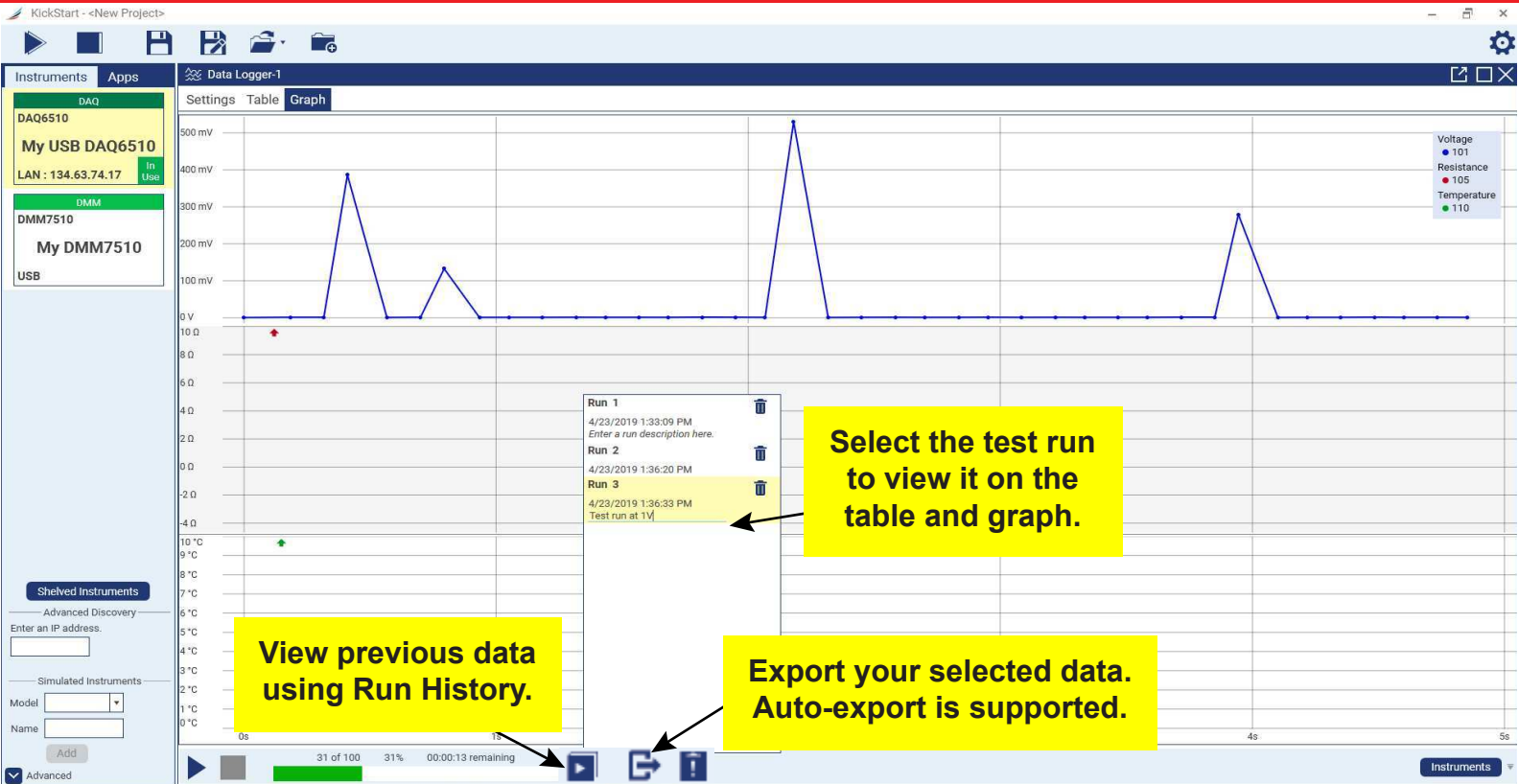
Data Logger-1

Settings **Table** Graph

	101		105	110
	Time (s)	Voltage (V)	Rename channel...	Temperature (°C)
1	0.000000	130.4924e-6	Hide	Overflow
2	183.255e-3	1.333125e-3	Overflow	Overflow
3	316.697e-3	1.087836e-3	Overflow	Overflow
4	433.421e-3	1.090553e-3	Overflow	Overflow
5	566.798e-3	1.057833e-3	Overflow	Overflow
6	700.186e-3	1.323632e-3	Overflow	Overflow
7	816.904e-3	1.161639e-3	Overflow	Overflow
8	950.268e-3	1.263899e-3	Overflow	Overflow
9	1.066995	1.175119e-3	Overflow	Overflow
10	1.200366	1.176510e-3	Overflow	Overflow
11	1.333750	1.320319e-3	Overflow	Overflow
12	1.450469	1.231441e-3	Overflow	Overflow
13	1.583839	1.277140e-3	Overflow	Overflow
14	1.700551	1.197838e-3	Overflow	Overflow
15	1.833928	1.143120e-3	Overflow	Overflow
16	1.967314	1.390603e-3	Overflow	Overflow
17	2.084032	1.176756e-3	Overflow	Overflow
18	2.217402	1.256484e-3	Overflow	Overflow
19	2.334122	1.184285e-3	Overflow	Overflow
20	2.467497	1.213338e-3	Overflow	Overflow
21	2.600878	1.374660e-3	Overflow	Overflow
22	2.717605	1.184874e-3	Overflow	Overflow
23	2.850977	1.159177e-3	Overflow	Overflow
24	2.967709	1.214419e-3	Overflow	Overflow
25	3.101079	1.125066e-3	Overflow	Overflow
26	3.234450	1.143338e-3	Overflow	Overflow
27	3.367821	1.161639e-3	Overflow	Overflow
28	3.501192	1.179940e-3	Overflow	Overflow
29	3.634563	1.198241e-3	Overflow	Overflow
30	3.767934	1.216542e-3	Overflow	Overflow
31	3.901305	1.234843e-3	Overflow	Overflow
32	4.034676	1.253144e-3	Overflow	Overflow
33	4.168047	1.271445e-3	Overflow	Overflow
34	4.301418	1.289746e-3	Overflow	Overflow
35	4.434789	1.308047e-3	Overflow	Overflow
36	4.568160	1.326348e-3	Overflow	Overflow
37	4.701531	1.344649e-3	Overflow	Overflow
38	4.834902	1.362950e-3	Overflow	Overflow
39	4.968273	1.381251e-3	Overflow	Overflow
40	5.101644	1.399552e-3	Overflow	Overflow
41	5.235015	1.417853e-3	Overflow	Overflow
42	5.368386	1.436154e-3	Overflow	Overflow
43	5.501757	1.454455e-3	Overflow	Overflow
44	5.635128	1.472756e-3	Overflow	Overflow
45	5.768499	1.491057e-3	Overflow	Overflow
46	5.901870	1.509358e-3	Overflow	Overflow
47	6.035241	1.527659e-3	Overflow	Overflow
48	6.168612	1.545960e-3	Overflow	Overflow
49	6.301983	1.564261e-3	Overflow	Overflow
50	6.435354	1.582562e-3	Overflow	Overflow
51	6.568725	1.600863e-3	Overflow	Overflow
52	6.702096	1.619164e-3	Overflow	Overflow
53	6.835467	1.637465e-3	Overflow	Overflow
54	6.968838	1.655766e-3	Overflow	Overflow
55	7.102209	1.674067e-3	Overflow	Overflow
56	7.235580	1.692368e-3	Overflow	Overflow
57	7.368951	1.710669e-3	Overflow	Overflow
58	7.502322	1.728970e-3	Overflow	Overflow
59	7.635693	1.747271e-3	Overflow	Overflow
60	7.769064	1.765572e-3	Overflow	Overflow
61	7.902435	1.783873e-3	Overflow	Overflow
62	8.035806	1.802174e-3	Overflow	Overflow
63	8.169177	1.820475e-3	Overflow	Overflow
64	8.302548	1.838776e-3	Overflow	Overflow
65	8.435919	1.857077e-3	Overflow	Overflow
66	8.569290	1.875378e-3	Overflow	Overflow
67	8.702661	1.893679e-3	Overflow	Overflow
68	8.836032	1.911980e-3	Overflow	Overflow
69	8.969403	1.930281e-3	Overflow	Overflow
70	9.102774	1.948582e-3	Overflow	Overflow
71	9.236145	1.966883e-3	Overflow	Overflow
72	9.369516	1.985184e-3	Overflow	Overflow
73	9.502887	2.003485e-3	Overflow	Overflow
74	9.636258	2.021786e-3	Overflow	Overflow
75	9.769629	2.040087e-3	Overflow	Overflow
76	9.902999	2.058388e-3	Overflow	Overflow
77	10.036370	2.076689e-3	Overflow	Overflow
78	10.169741	2.094990e-3	Overflow	Overflow
79	10.303112	2.113291e-3	Overflow	Overflow
80	10.436483	2.131592e-3	Overflow	Overflow
81	10.569854	2.149893e-3	Overflow	Overflow
82	10.703225	2.168194e-3	Overflow	Overflow
83	10.836596	2.186495e-3	Overflow	Overflow
84	10.969967	2.204796e-3	Overflow	Overflow
85	11.103338	2.223097e-3	Overflow	Overflow
86	11.236709	2.241398e-3	Overflow	Overflow
87	11.370080	2.259699e-3	Overflow	Overflow
88	11.503451	2.277900e-3	Overflow	Overflow
89	11.636822	2.296201e-3	Overflow	Overflow
90	11.770193	2.314502e-3	Overflow	Overflow
91	11.903564	2.332803e-3	Overflow	Overflow
92	12.036935	2.351104e-3	Overflow	Overflow
93	12.170306	2.369405e-3	Overflow	Overflow
94	12.303677	2.387706e-3	Overflow	Overflow
95	12.437048	2.406007e-3	Overflow	Overflow
96	12.570419	2.424308e-3	Overflow	Overflow
97	12.703790	2.442609e-3	Overflow	Overflow
98	12.837161	2.460910e-3	Overflow	Overflow
99	12.970532	2.479211e-3	Overflow	Overflow
100	13.103903	2.497512e-3	Overflow	Overflow
101	13.237274	2.515813e-3	Overflow	Overflow
102	13.370645	2.534114e-3	Overflow	Overflow
103	13.504016	2.552415e-3	Overflow	Overflow
104	13.637387	2.570716e-3	Overflow	Overflow
105	13.770758	2.589017e-3	Overflow	Overflow
106	13.904129	2.607318e-3	Overflow	Overflow
107	14.037500	2.625619e-3	Overflow	Overflow
108	14.170871	2.643920e-3	Overflow	Overflow
109	14.304242	2.662221e-3	Overflow	Overflow
110	14.437613	2.680522e-3	Overflow	Overflow
111	14.570984	2.698823e-3	Overflow	Overflow
112	14.704355	2.717124e-3	Overflow	Overflow
113	14.837726	2.735425e-3	Overflow	Overflow
114	14.971097	2.753726e-3	Overflow	Overflow
115	15.104468	2.772027e-3	Overflow	Overflow
116	15.237839	2.790328e-3	Overflow	Overflow
117	15.371210	2.808629e-3	Overflow	Overflow
118	15.504581	2.826930e-3	Overflow	Overflow
119	15.637952	2.845231e-3	Overflow	Overflow
120	15.771323	2.863532e-3	Overflow	Overflow
121	15.904694	2.881833e-3	Overflow	Overflow
122	16.038065	2.900134e-3	Overflow	Overflow
123	16.171436	2.918435e-3	Overflow	Overflow
124	16.304807	2.936736e-3	Overflow	Overflow
125	16.438178	2.955037e-3	Overflow	Overflow
126	16.571549	2.973338e-3	Overflow	Overflow
127	16.704920	2.991639e-3	Overflow	Overflow
128	16.838291	3.009940e-3	Overflow	Overflow
129	16.971662	3.028241e-3	Overflow	Overflow
130	17.105033	3.046542e-3	Overflow	Overflow
131	17.238404	3.064843e-3	Overflow	Overflow
132	17.371775	3.083144e-3	Overflow	Overflow
133	17.505146	3.101445e-3	Overflow	Overflow
134	17.638517	3.119746e-3	Overflow	Overflow
135	17.771888	3.138047e-3	Overflow	Overflow
136	17.905259	3.156348e-3	Overflow	Overflow
137	18.038630	3.174649e-3	Overflow	Overflow
138	18.172001	3.192950e-3	Overflow	Overflow
139	18.305372	3.211251e-3	Overflow	Overflow
140	18.438743	3.229552e-3	Overflow	Overflow
141	18.572114	3.247853e-3	Overflow	Overflow
142	18.705485	3.266154e-3	Overflow	Overflow
143	18.838856	3.284455e-3	Overflow	Overflow
144	18.972227	3.302756e-3	Overflow	Overflow
145	19.105598	3.321057e-3	Overflow	Overflow
146	19.238969	3.339358e-3	Overflow	Overflow
147	19.372340	3.357659e-3	Overflow	Overflow
148	19.505711	3.375960e-3	Overflow	Overflow
149	19.639082	3.394261e-3	Overflow	Overflow
150	19.772453	3.412562e-3	Overflow	Overflow
151	19.905824	3.430863e-3	Overflow	Overflow
152	20.039195	3.449164e-3	Overflow	Overflow
153	20.172566	3.467465e-3	Overflow	Overflow
154	20.305937	3.485766e-3	Overflow	Overflow
155	20.439308	3.504067e-3	Overflow	Overflow
156	20.572679	3.522368e-3	Overflow	Overflow
157	20.706050	3.540669e-3	Overflow	Overflow
158	20.839421	3.558970e-3	Overflow	Overflow
159	20.972792	3.577271e-3	Overflow	Overflow
160	21.106163	3.595572e-3	Overflow	Overflow
161	21.239534	3.613873e-3	Overflow	Overflow
162	21.372905	3.632174e-3	Overflow	Overflow
163	21.506276	3.650475e-3	Overflow	Overflow
164	21.639647	3.668776e-3	Overflow	Overflow
165	21.773018	3.687077e-3	Overflow	Overflow
166	21.906389	3.705378e-3	Overflow	Overflow
167	22.039760	3.723679e-3	Overflow	Overflow
168	22.173131	3.741980e-3	Overflow	Overflow
169	22.306502	3.760281e-3	Overflow	Overflow
170	22.439873	3.778582e-3	Overflow	Overflow
171	22.573244	3.796883e-3	Overflow	Overflow
172	22.706615	3.815184e-3	Overflow	Overflow
173	22.839986	3.833485e-3	Overflow	Overflow
174	22.973357	3.851786e-3	Overflow	Overflow
175	23.106728	3.870087e-3	Overflow	Overflow
176	23.240099	3.888388e-3	Overflow	Overflow
177	23.373470	3.906689e-3	Overflow	Overflow
178	23.506841	3.924990e-3	Overflow	Overflow
179	23.640212	3.943291e-3	Overflow	Overflow
180	23.773583	3.961592e-3	Overflow	Overflow
181	23.906954	3.979893e-3	Overflow	Overflow
182	24.040325	3.998194e-3	Overflow	Overflow
183	24.173696	4.016495e-3	Overflow	Overflow
184	24.307067	4.034796e-3	Overflow	Overflow
185	24.440438	4.053097e-3	Overflow	Overflow
186	24.573809	4.071398e-3	Overflow	Overflow
187	24.707180	4.089699e-3	Overflow	Overflow
188	24.840551	4.107900e-3	Overflow	Overflow
189	24.973922	4.126201e-3	Overflow	Overflow
190	25.107293	4.144502e-3	Overflow	Overflow
191	25.240664	4.162803e-3	Overflow	Overflow
192	25.374035	4.181104e-3	Overflow	Overflow
193	25.507406	4.199405e-3	Overflow	Overflow
194	25.640777	4.217706e-3	Overflow	Overflow
195	25.774148	4.236007e-3	Overflow	Overflow
196	25.907519	4.254308e-3	Overflow	Overflow
197	26.040890	4.272609e-3	Overflow	Overflow
198	26.174261	4.290910e-3	Overflow	Overflow
199	26.307632	4.309211e-3	Overflow	Overflow
200	26.441003	4.327512e-3	Overflow	Overflow
201	26.574374	4.345813e-3	Overflow	Overflow
202	26.707745	4.364114e-3	Overflow	Overflow
203	26.841116	4.382415e-3	Overflow	Overflow
204	26.974487	4.400716e-3	Overflow	Overflow
205	27.107858	4.419017e-3	Overflow	Overflow
206	27.241229	4.437318e-3	Overflow	Overflow
207	27.374600	4.455619e-3	Overflow	Overflow
208	27.507971	4.473920e-3	Overflow	Overflow
209	27.641342	4.492221e-3	Overflow	Overflow
210	27.774713	4.510522e-3	Overflow	Overflow
211	27.908084	4.528823e-3	Overflow	Overflow
212	28.041455	4.547124e-3	Overflow	Overflow
213	28.174826	4.565425e-3	Overflow	Overflow
214	28.308197	4.583726e-3	Overflow	Overflow
215	28.441568	4.602027e-3	Overflow	Overflow
216	28.574939	4.620328e-3	Overflow	Overflow
217	28.708310	4.638629e-3	Overflow	Overflow
218	28.841681	4.656930e-3	Overflow	Overflow
219	28.975052	4.675231e-3	Overflow	Overflow
220	29.108423	4.693532e-3		







KickStart - <New Project>

Instruments Apps Scope-1

Settings Table Graph

My USB DAQ6510

In the Scope app, select the Graph tab in Waveforms mode to confirm that the correct waveform was retrieved.

Select the mode that relates to your data.

Mode

- Waveforms
- Measurements
- Screenshots

Wait For Trigger ☐

Stop Capture On Acquisition Count Count 1

Set when the capture occurs

Channel 1 ON Retrieve Data ☒

Label Vertical scale 1 V/div Coupling DC Probe type TPP1000

Channel 2 ON Retrieve Data ☐

Label Vertical scale 100 mV/div Coupling DC Probe type Other

Channel 3 OFF

Label Vertical scale 100 mV/div Coupling DC Probe type Other

Channel 4 ON Retrieve Data ☐

Label Vertical scale 100 mV/div Coupling DC Probe type Other

Channel information is shown here. Select Retrieve Data to see the data collected on this channel.

Save Oscilloscope Setup to File

Load Setup File to Oscilloscope

References Math

Acquisition Settings

Acquisition Mode Stopped Sample Rate 1 MHz
Record Length 10 k Trigger Type Edge
Horizontal Scale 1 ms/div Trigger Source CH1

You are unable to retrieve data from disabled channels. Enable or disable channels from your instrument.

Shelved Instruments

Advanced Discovery

Enter an IP address.

Simulated Instruments

Model Name Add

Advanced

KickStart - <New Project>

Instruments Apps Scope-1

DAQ My USB DAQ6510

LAN

DM

USE

MD

USE

The screenshot tab is available in Screenshots mode. Right-click to save screenshots.

Tek Stop

Run 1
4/23/2019 1:46:15 PM

Run 2
4/23/2019 1:46:19 PM

Run 3
4/23/2019 1:46:20 PM
Enter a run description here.

Run 4
4/23/2019 1:46:21 PM
Enter a run description here.

Run 5
4/23/2019 1:46:22 PM
Enter a run description here.

Run 6
4/23/2019 1:46:24 PM
Enter a run description here.

Select multiple runs to compare multiple data sets of similar types.

Shelved Instruments

Advanced

Triggered 6/6 100 %

Instruments

Next steps

For more information and to view documentation specific to your instruments, see the Keithley Instruments website, www.tek.com/keithley.

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