

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.



Instruments Apps

DAQ

DAQ6510

My USB DAQ6510

LAN : 134.63.74.17

DMM

DMM7510

My DMM7510

USB

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.



Shelved Instruments

Advanced Discovery

Enter an IP address.

Simulated Instruments

Model

Name

Add

Advanced



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 X

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.

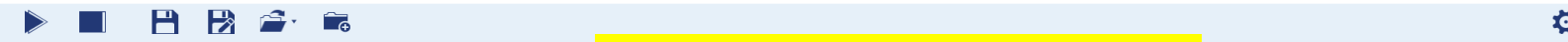
Simulated Instruments

Model

Name

Add

Advanced



Instruments Apps

DAQ

DAQ6510

My USB DAQ6510 In Use

LAN : 134.63.74.17

DMM

DMM7510

My DMM7510

USB

Shelved Instruments

Advanced Discovery

Enter an IP address.

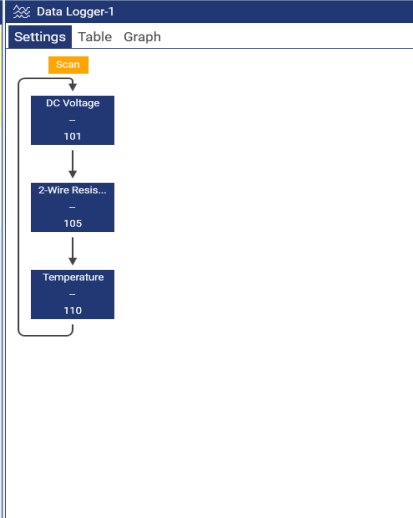
Simulated Instruments

Model

Name

Add

Advanced



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.



Scan Settings

Scan Start

Channel Start

Scan Stop

Interval Between Scans

Scan Count

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



Channels 101 102 103 104 105 106 107 108 109 110 111 112 113 122

Instruments



Settings Table Graph

	101		105	110
	Time (s)	Voltage (V)	Rename channel...	Temperature (°C)
1	0.000000	130.4924e-3	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	1.176510e-3	Overflow	Overflow
27	3.367821	1.143120e-3	Overflow	Overflow
28	3.501192	1.109730e-3	Overflow	Overflow
29	3.634563	1.076340e-3	Overflow	Overflow
30	3.767934	1.042950e-3	Overflow	Overflow
31	3.901305	1.009560e-3	Overflow	Overflow
32	4.034676	9.76170e-4	Overflow	Overflow
33	4.168047	9.42780e-4	Overflow	Overflow
34	4.301418	9.09390e-4	Overflow	Overflow
35	4.434789	8.76000e-4	Overflow	Overflow
36	4.568160	8.42610e-4	Overflow	Overflow
37	4.701531	8.09220e-4	Overflow	Overflow
38	4.834902	7.75830e-4	Overflow	Overflow
39	4.968273	7.42440e-4	Overflow	Overflow
40	5.101644	7.09050e-4	Overflow	Overflow
41	5.235015	6.75660e-4	Overflow	Overflow
42	5.368386	6.42270e-4	Overflow	Overflow
43	5.501757	6.08880e-4	Overflow	Overflow
44	5.635128	5.75490e-4	Overflow	Overflow
45	5.768499	5.42100e-4	Overflow	Overflow
46	5.901870	5.08710e-4	Overflow	Overflow
47	6.035241	4.75320e-4	Overflow	Overflow
48	6.168612	4.41930e-4	Overflow	Overflow
49	6.301983	4.08540e-4	Overflow	Overflow
50	6.435354	3.75150e-4	Overflow	Overflow
51	6.568725	3.41760e-4	Overflow	Overflow
52	6.702096	3.08370e-4	Overflow	Overflow
53	6.835467	2.74980e-4	Overflow	Overflow
54	6.968838	2.41590e-4	Overflow	Overflow
55	7.102209	2.08200e-4	Overflow	Overflow
56	7.235580	1.74810e-4	Overflow	Overflow
57	7.368951	1.41420e-4	Overflow	Overflow
58	7.502322	1.08030e-4	Overflow	Overflow
59	7.635693	7.46410e-5	Overflow	Overflow
60	7.769064	4.14800e-5	Overflow	Overflow
61	7.902435	8.30000e-6	Overflow	Overflow
62	8.035806	0.000000	Overflow	Overflow
63	8.169177	0.000000	Overflow	Overflow
64	8.302548	0.000000	Overflow	Overflow
65	8.435919	0.000000	Overflow	Overflow
66	8.569290	0.000000	Overflow	Overflow
67	8.702661	0.000000	Overflow	Overflow
68	8.836032	0.000000	Overflow	Overflow
69	8.969403	0.000000	Overflow	Overflow
70	9.102774	0.000000	Overflow	Overflow
71	9.236145	0.000000	Overflow	Overflow
72	9.369516	0.000000	Overflow	Overflow
73	9.502887	0.000000	Overflow	Overflow
74	9.636258	0.000000	Overflow	Overflow
75	9.769629	0.000000	Overflow	Overflow
76	9.902999	0.000000	Overflow	Overflow
77	10.036370	0.000000	Overflow	Overflow
78	10.169741	0.000000	Overflow	Overflow
79	10.303112	0.000000	Overflow	Overflow
80	10.436483	0.000000	Overflow	Overflow
81	10.569854	0.000000	Overflow	Overflow
82	10.703225	0.000000	Overflow	Overflow
83	10.836596	0.000000	Overflow	Overflow
84	10.969967	0.000000	Overflow	Overflow
85	11.103338	0.000000	Overflow	Overflow
86	11.236709	0.000000	Overflow	Overflow
87	11.370080	0.000000	Overflow	Overflow
88	11.503451	0.000000	Overflow	Overflow
89	11.636822	0.000000	Overflow	Overflow
90	11.770193	0.000000	Overflow	Overflow
91	11.903564	0.000000	Overflow	Overflow
92	12.036935	0.000000	Overflow	Overflow
93	12.170306	0.000000	Overflow	Overflow
94	12.303677	0.000000	Overflow	Overflow
95	12.437048	0.000000	Overflow	Overflow
96	12.570419	0.000000	Overflow	Overflow
97	12.703790	0.000000	Overflow	Overflow
98	12.837161	0.000000	Overflow	Overflow
99	12.970532	0.000000	Overflow	Overflow
100	13.103903	0.000000	Overflow	Overflow
Min	0.000000	130.4924e-6	Overflow	Overflow
Max	10.453846	1.729782e-3	Overflow	Overflow
Mean	5.254503	1.222797e-3	0.000000	0.00
StdDev	3.055702	164.0915e-6	0.000000	0.00

Rename or hide a column by moving your cursor to the far right and selecting the drop-down menu.

Shelved Instruments

Advanced Discovery

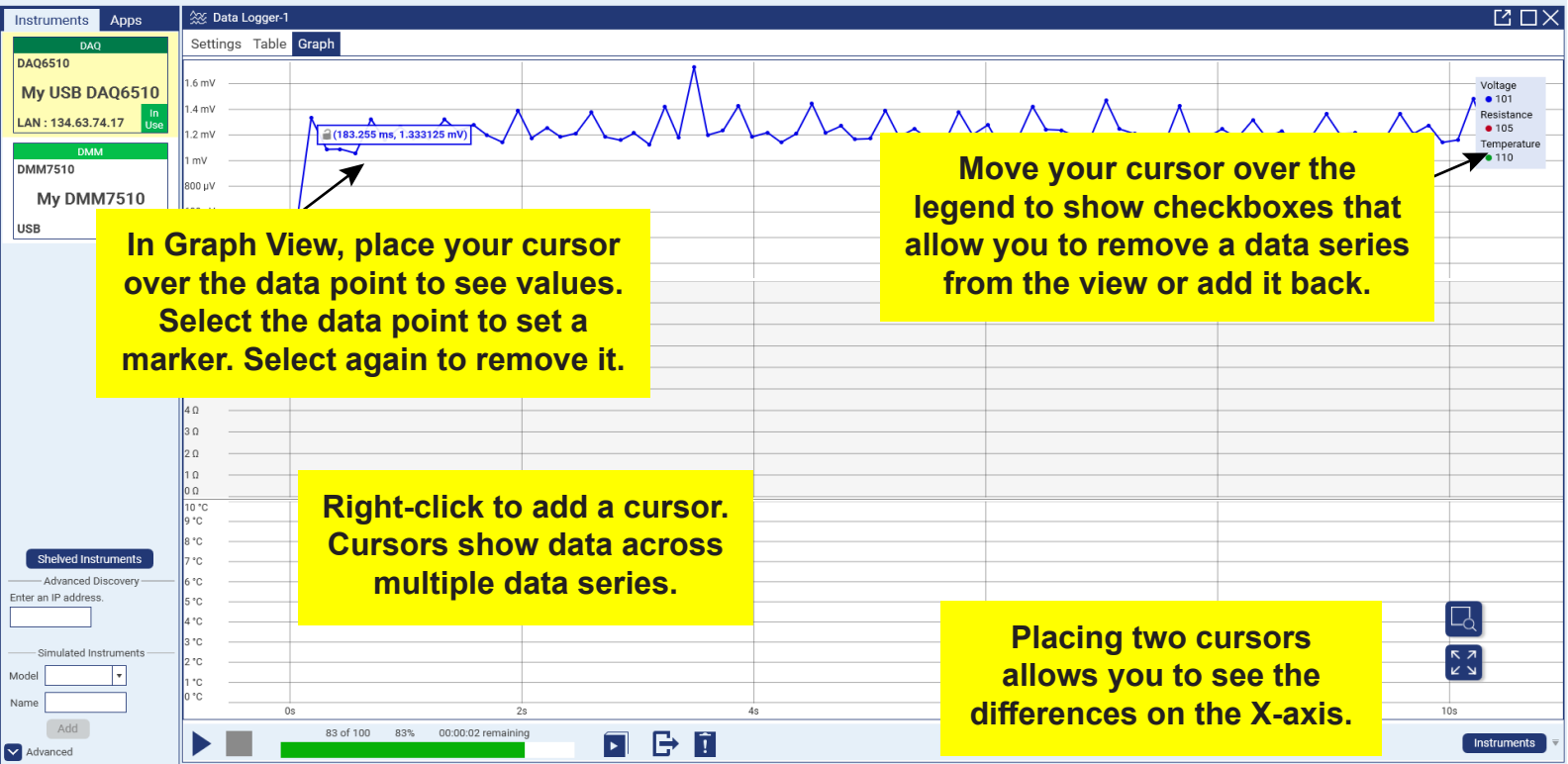
Enter an IP address.

Simulated Instruments

Model

Name

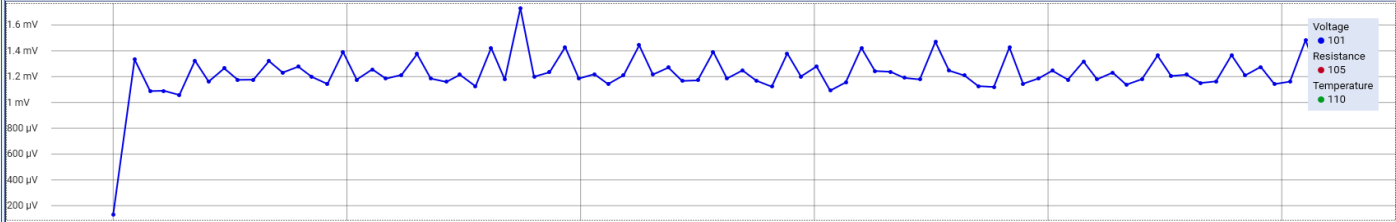
Advanced





DAQ
My USB DAQ6510
LAN : 134.63.74.17 In Use

DMM
My DMM7510
USB



Maximum
10 D

Scale
Linear

Autoscale Y

Minimum
0 D

Hover your cursor over the X- or Y-axis to change the scale and the minimum and maximum values.

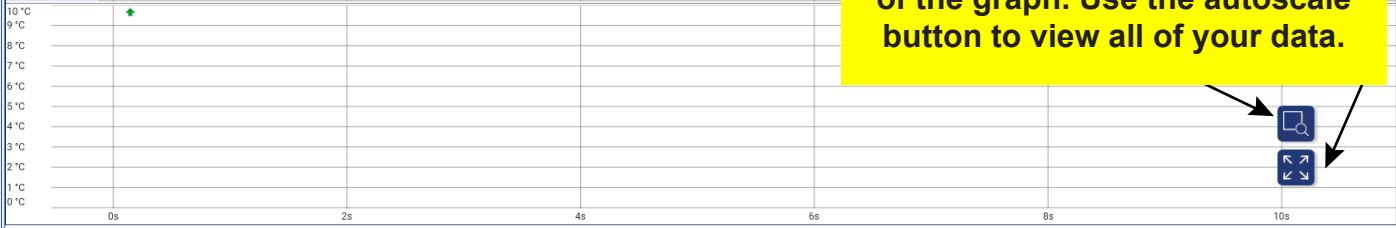
The box zoom button allows you to zoom in on a specific area of the graph. Use the autoscale button to view all of your data.

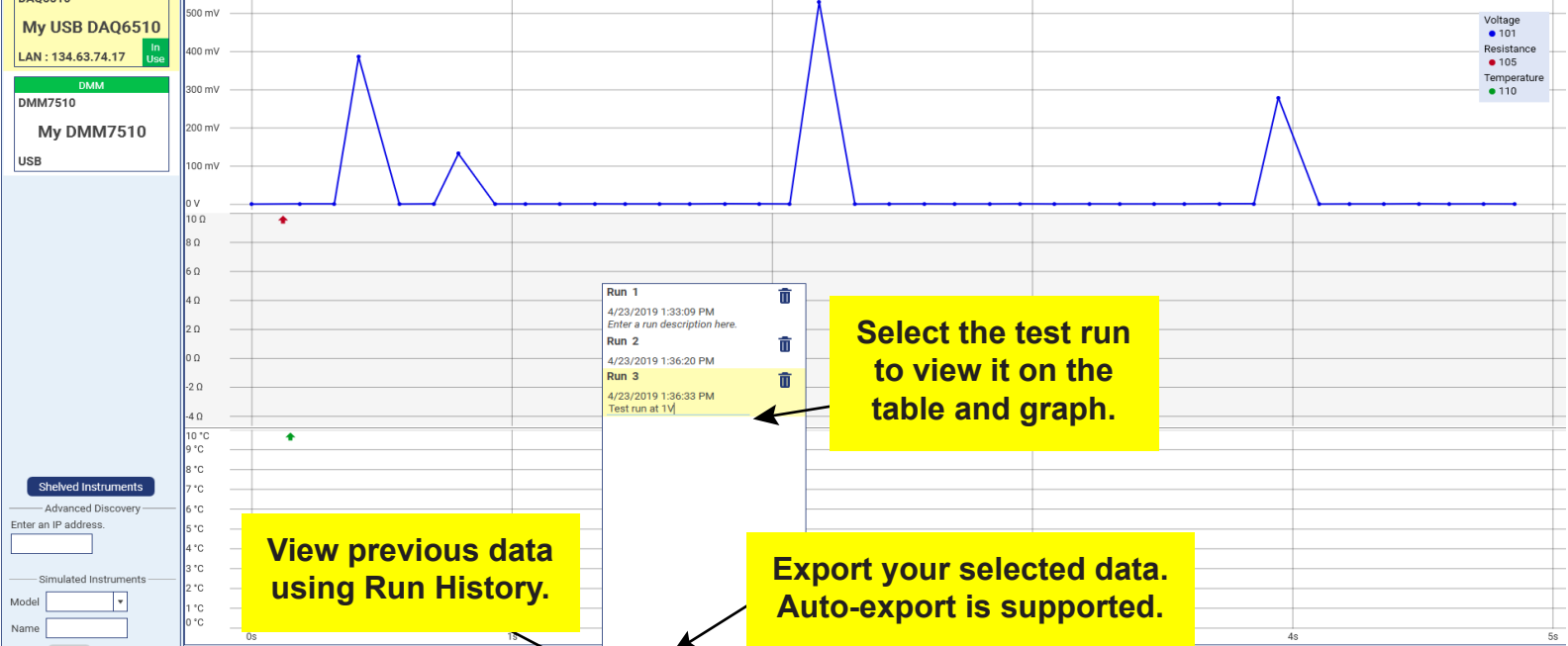
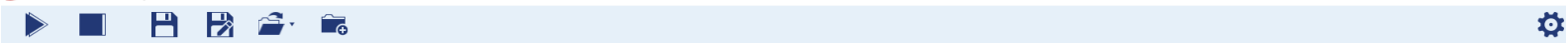
Shelved Instruments

Advanced Discovery
Enter an IP address.
[Input Field]

Simulated Instruments
Model [Dropdown]
Name [Input Field]
Add

Advanced





View previous data using Run History.

Select the test run to view it on the table and graph.

Export your selected data. Auto-export is supported.

Shelved Instruments

Advanced Discovery

Enter an IP address.

Simulated Instruments

Model:

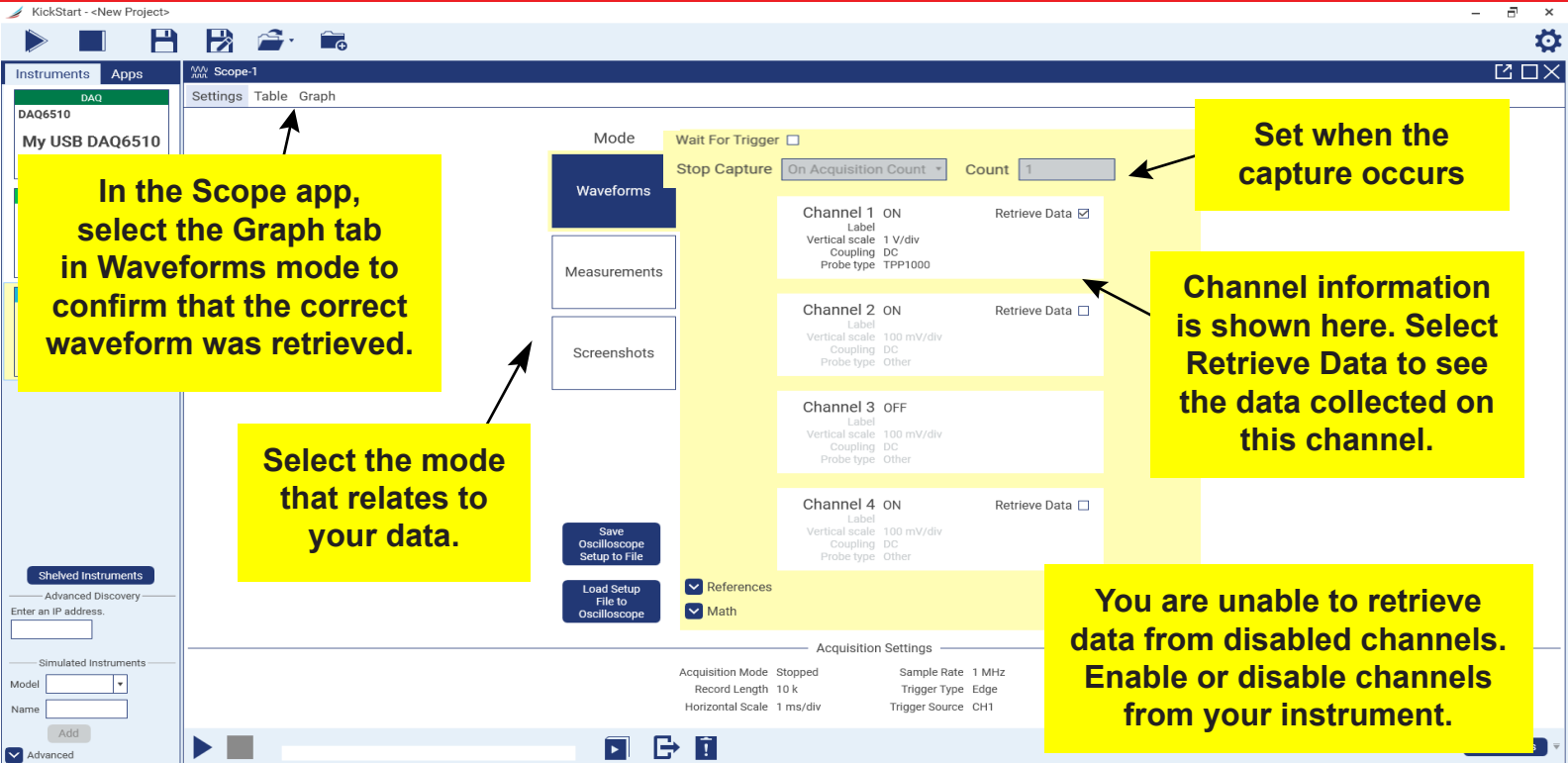
Name:

Add

Advanced

31 of 100 31% 00:00:13 remaining

Instruments



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.

Set when the capture occurs

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

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

Instruments Apps

Scope-1

Screenshot

DAQ6510

My USB DAQ6510

LAN

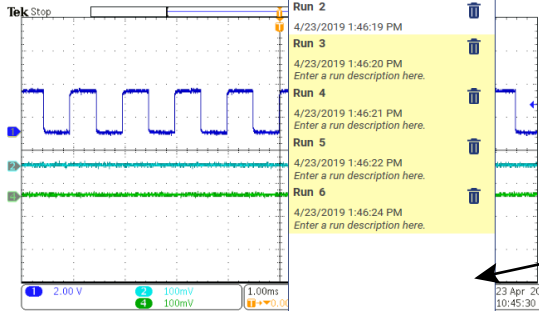
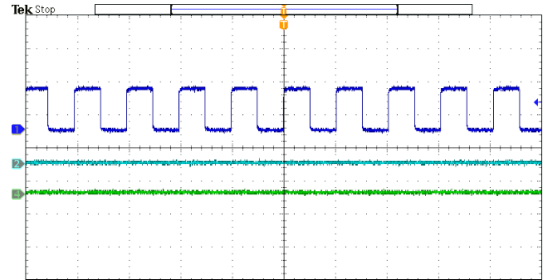
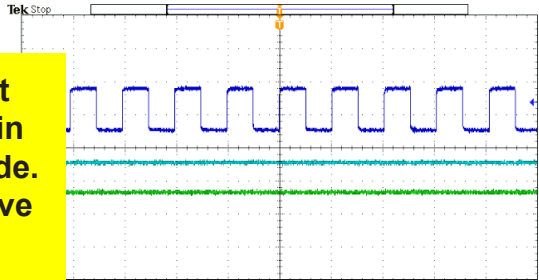
DMI

USE

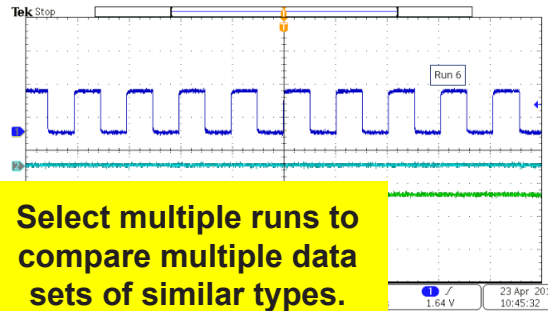
MDO

USE

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



- 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.

Next steps

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

Contact information:

Australia* 1 800 709 465

Austria 00800 2255 4835

**Balkans, Israel, South Africa, and other
ISE countries** +41 52 675 3777

Belgium* 00800 2255 4835

Brazil +55 (11) 3759 7627

Canada 1 800 833 9200

Central East Europe / Baltics
+41 52 675 3777

Central Europe / Greece +41 52 675 3777

Denmark +45 80 88 1401

Finland +41 52 675 3777

France* 00800 2255 4835

Germany* 00800 2255 4835

Hong Kong 400 820 5835

India 000 800 650 1835

Indonesia 007 803 601 5249

Italy 00800 2255 4835

Japan 81 (3) 6714 3010

Luxembourg +41 52 675 3777

Malaysia 1 800 22 55835

**Mexico, Central/South America, and
Caribbean** 52 (55) 56 04 50 90

Middle East, Asia, and North Africa
+41 52 675 3777

The Netherlands* 00800 2255 4835

New Zealand 0800 800 238

Norway 800 16098

People's Republic of China 400 820 5835

Philippines 1 800 1601 0077

Poland +41 52 675 3777

Portugal 80 08 12370

Republic of Korea +82 2 565 1455

Russia / CIS +7 (495) 6647564

Singapore 800 6011 473

South Africa +41 52 675 3777

Spain* 00800 2255 4835

Sweden* 00800 2255 4835

Switzerland* 00800 2255 4835

Taiwan 886 (2) 2656 6688

Thailand 1 800 011 931

United Kingdom / Ireland* 00800 2255 4835

USA 1 800 833 9200

Vietnam 12060128

* European toll-free number. If not
accessible, call: +41 52 675 3777

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