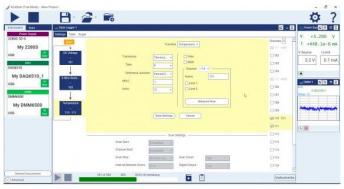
**Manuals+** — User Manuals Simplified.



# KEITHLEY KickStart Software User Guide



**KEITHLEY KickStart Software**

**User Guide**

Contents

1 Safety precautions
2 KickStart software
3 Manage licenses
4 Install a license
5 Maintenance and Checkout defined
6 Export selected data
7 Documents / Resources
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## 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 the instrument 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 software

KickStart allows you to create apps, manipulate settings, and view and export previous runs without a license. However, to run an app or communicate with and control an instrument, KickStart software requires a license. You can launch a one-time trial for the KickStart Apps.

Go to **tek.com/keithley-kickstart** and you will see information about the software. On this page you can also download free trial software and buy or request a quote. Once you purchase KickStart you will have access to all of the base KickStart apps with a floating license. A floating license allows you to manage the transfer of individual license files to different computers.

## Manage licenses

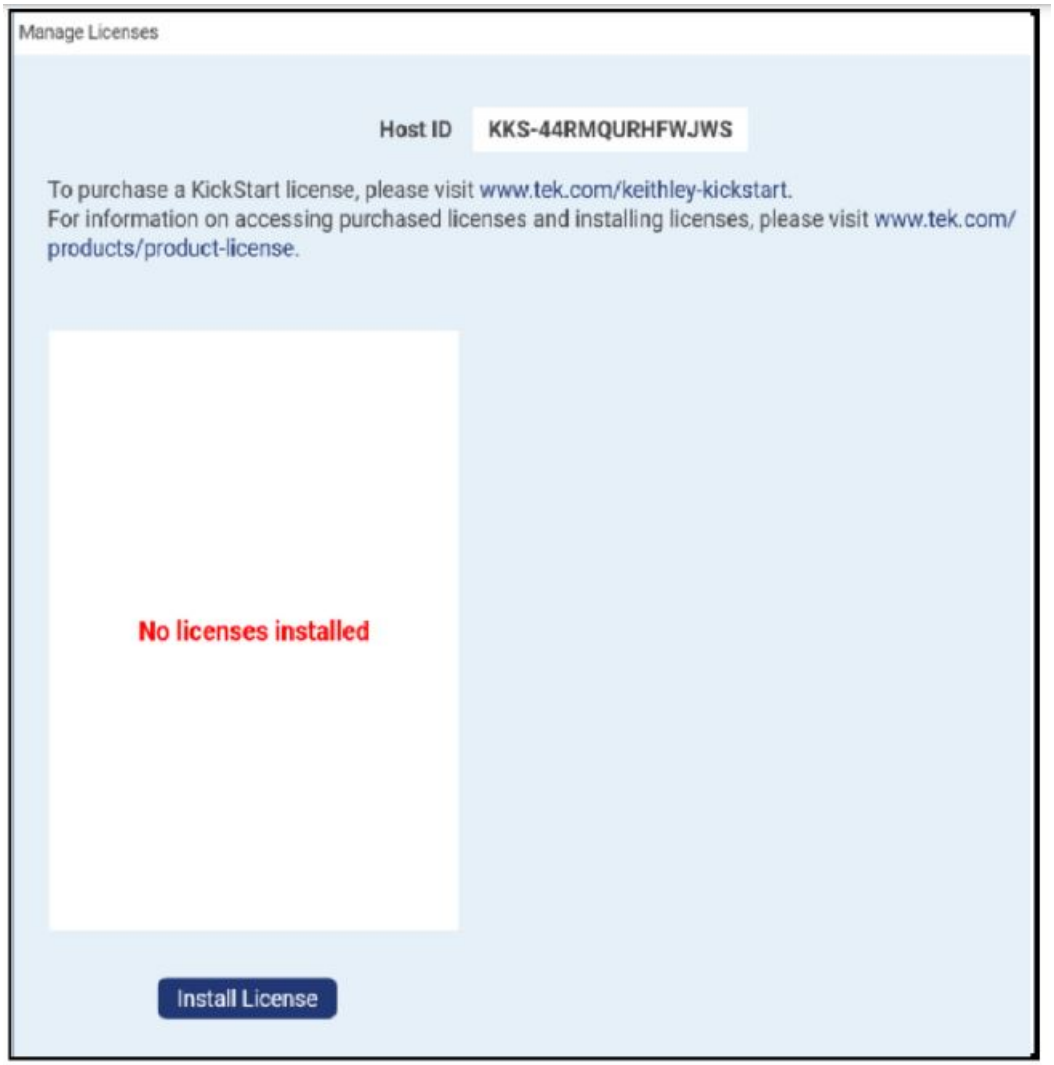
You can maintain your licenses from within KickStart. The KickStart software license provides access to KickStart applications and features. A license is activated either by purchasing the software or through a trial. A trial will allow you to use full functionality for a limited period of time.

To install or remove a license, select the key icon .

You can also view previously entered licenses and the dates and times for when the licenses were entered and checked out and when they expire.

Each license entitles you to support by Tektronix worldwide technical support centers and field applications engineers.

## Install a license

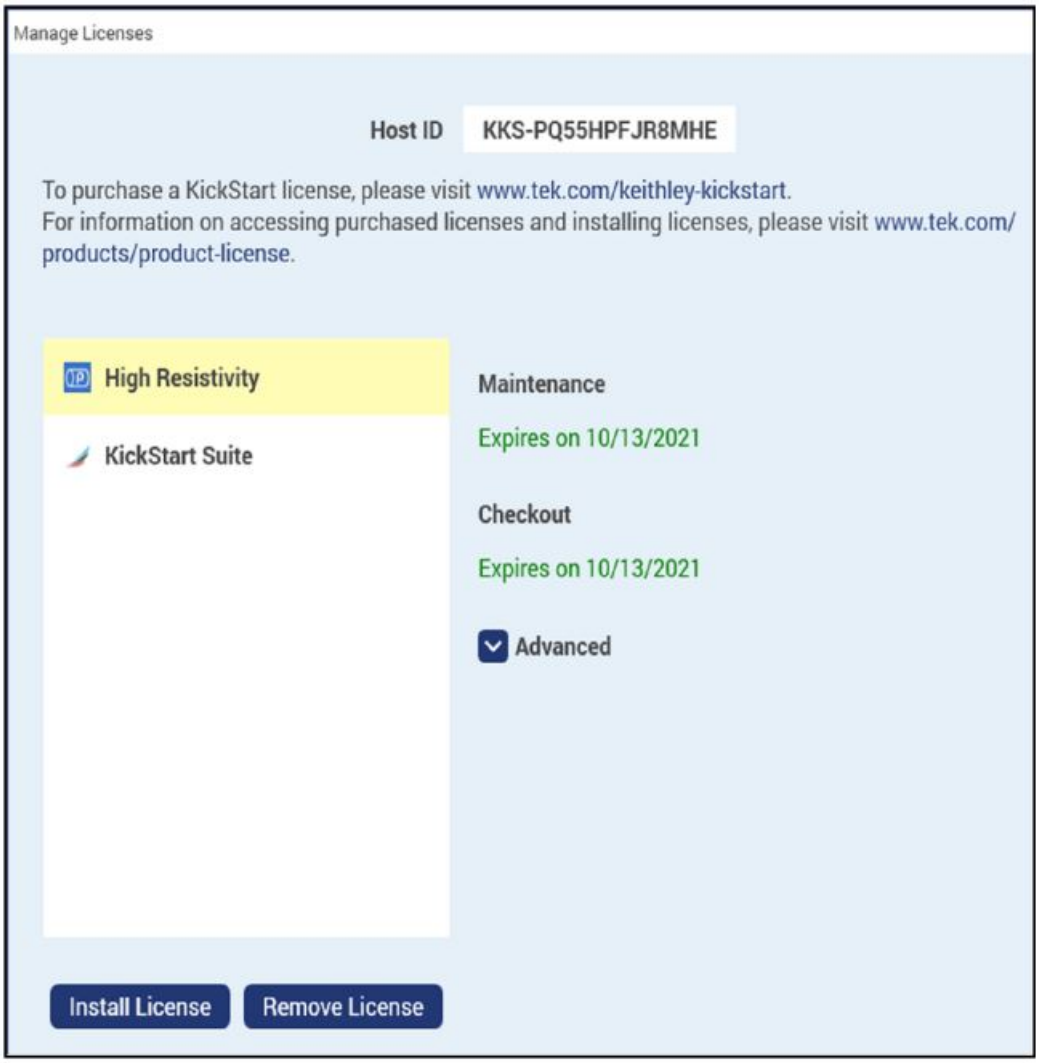



KickStart software licenses are managed using the Tektronix Asset Management System (TekAMS). Each KickStart license is valid for a single computer at a time. Use TekAMS to check out the license for your computer so that you can move the license to a different computer. That process is described on the next page. The email address of the primary user or administrator who manages the license is the license key manager. Key managers are authorized to add users who can then access these licenses and assign them to specific instruments and computers. For more information on TekAMS, see **tek.com/products/product-license**.

To generate a license file, you must submit your **Host ID** to TekAMS. The **Host ID** is located at the top of the **Manage Licenses** window.

Download the license file from TekAMS and transfer it to the computer that will run KickStart software. Open KickStart software and select the key icon . Using the **Manage Licenses** window, select **Install License** and browse to the downloaded license file. After the license is entered, the license and its details are viewable.

### Maintenance and Checkout defined

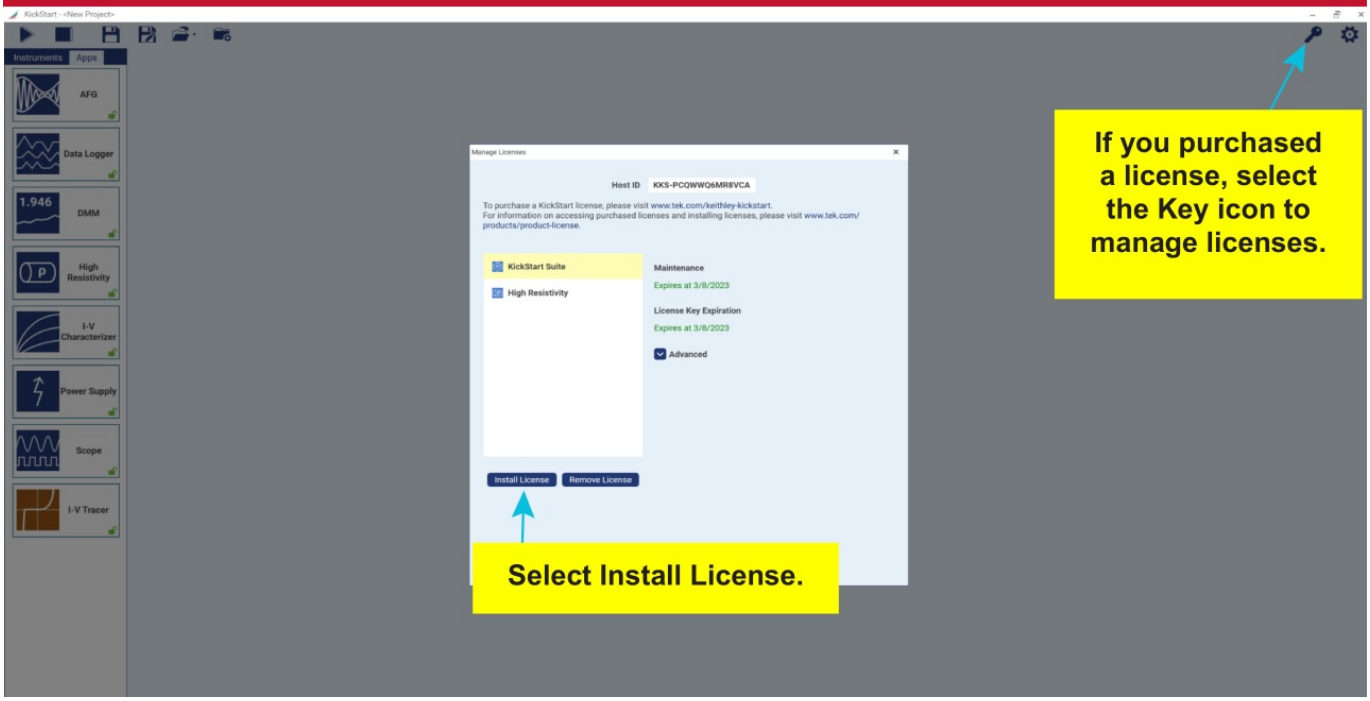


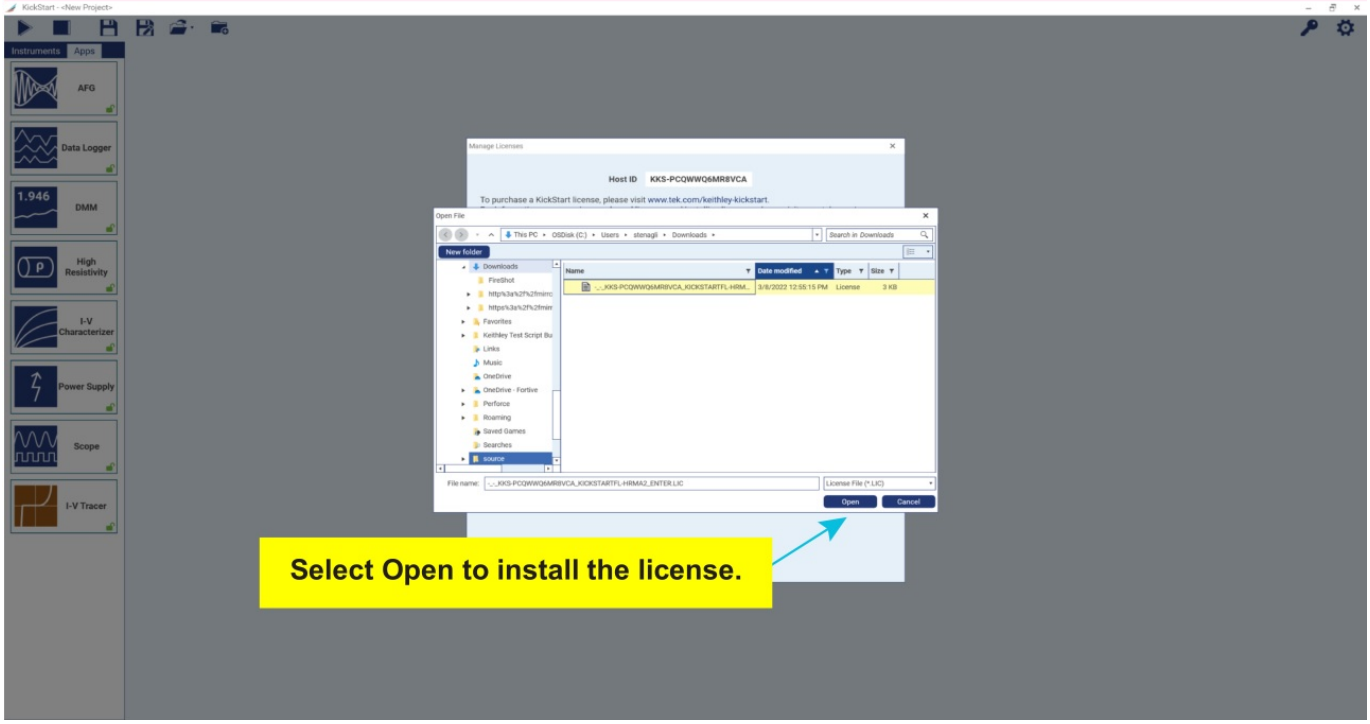

**Maintenance:**

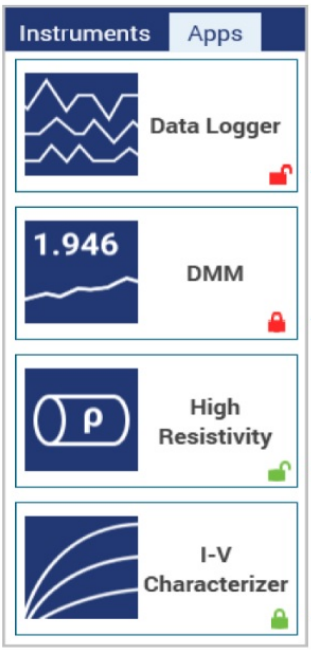
Indicates the date your license will expire and when your license is eligible for updates. Once the current license expires, you will not be able to receive future updates.

**Checkout:**

Indicates the date the checkout will expire and when the license for your specific PC will expire. When you generate your license file in TekAMS, you can set the checkout time. Once checkout expires, you will need to check out another license file in TekAMS. If you need to move the license to a different PC, select **Remove License** to remove it from this PC. Next, check the license into TekAMS, then generate a new license file in TekAMS for the new PC.


KickStart - <New Project>
Instruments
Apps
AFG
Data Logger
DMM
High Resistivity
I-V Characterizer
Power Supply
Scope
I-V Tracer
Manage Licenses
Host ID
KKS-PCQWWQ6MR8VCA
To purchase a KickStart license, please visit www.tek.com/keithley-kickstart.
For information on accessing purchased licenses and installing licenses, please visit www.tek.com/products/product-license.
KickStart Suite
High Resistivity
Maintenance
Expires at 3/8/2023
License Key Expiration
Expires at 3/8/2023
Advanced
Install License
Remove License
If you purchased a license, select the Key icon to manage licenses.
Select Install License.


KickStart - <New Project>
Instruments
Apps
AFG
Data Logger
DMM
High Resistivity
I-V Characterizer
Power Supply
Scope
I-V Tracer
Manage Licenses
Host ID
KKS-PCQWWQ6MR8VCA
To purchase a KickStart license, please visit www.tek.com/keithley-kickstart.
Open File
This PC
OSDisk (C:)
Users
stenagli
Downloads
Search in Downloads
New folder
Name
Date modified
Type
Size
File name:
License File (*.LIC)
Open
Cancel
Select Open to install the license.



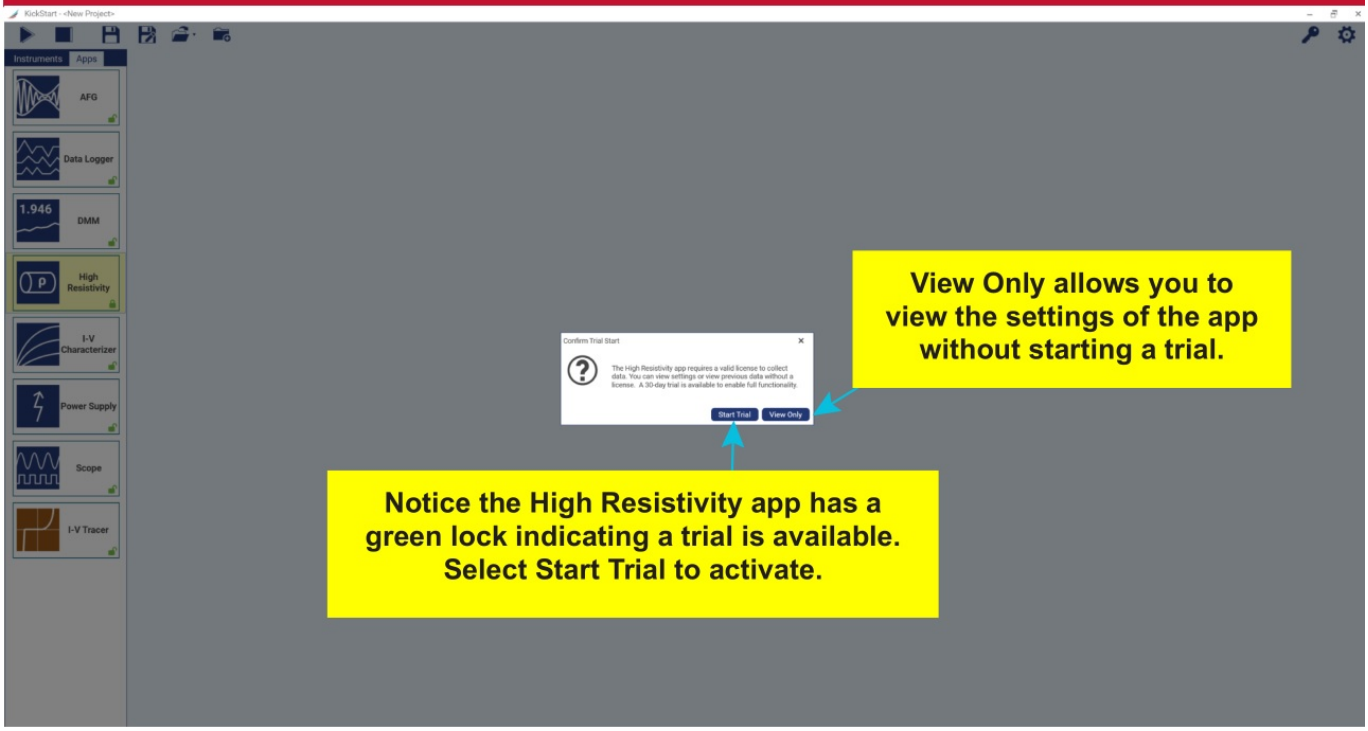

When you first open KickStart, the Instruments tab displays available instruments on the left. Select the Apps tab and you will see a lock on each App. The text below describes the licenses and lock icons:

Red unlocked indicates a license or trial that will expire soon. The lock turns red when the license or trial is within 45 days of expiration.

Red lock indicates the license has expired. Also, no trial is available.

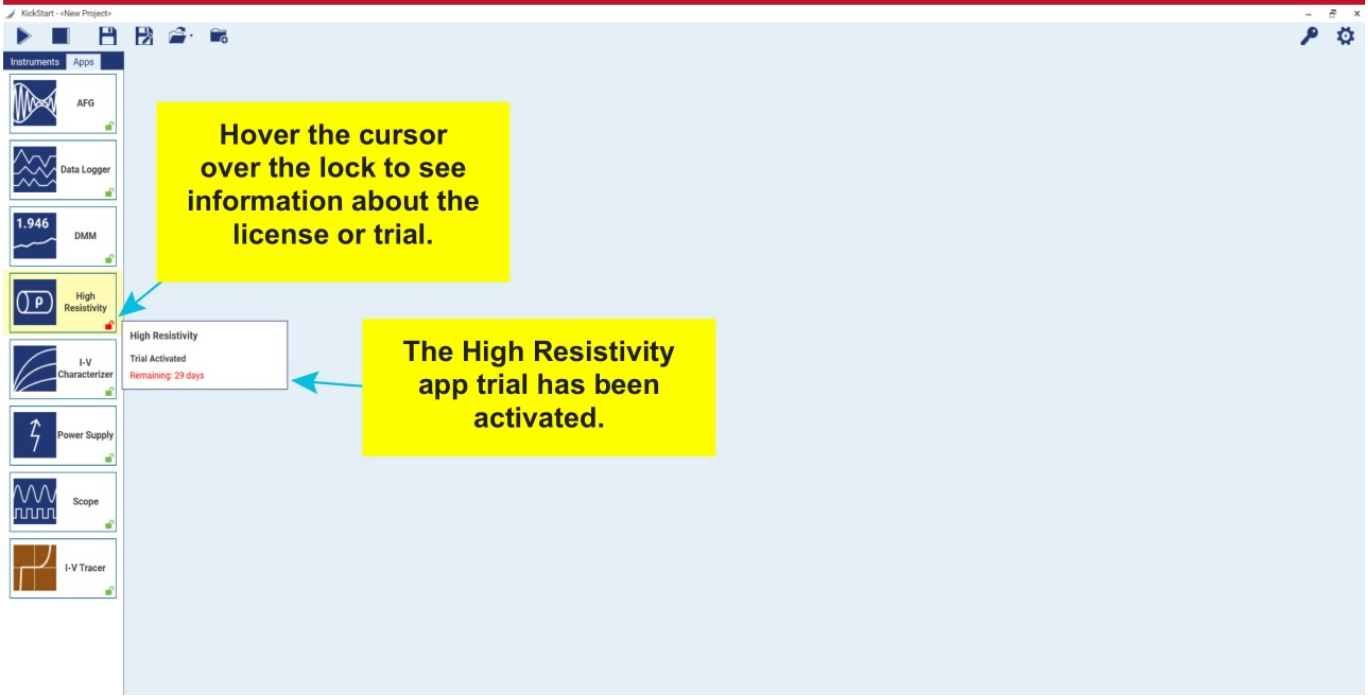
Green unlocked indicates a license or trial in use. The trial is for a limited time.

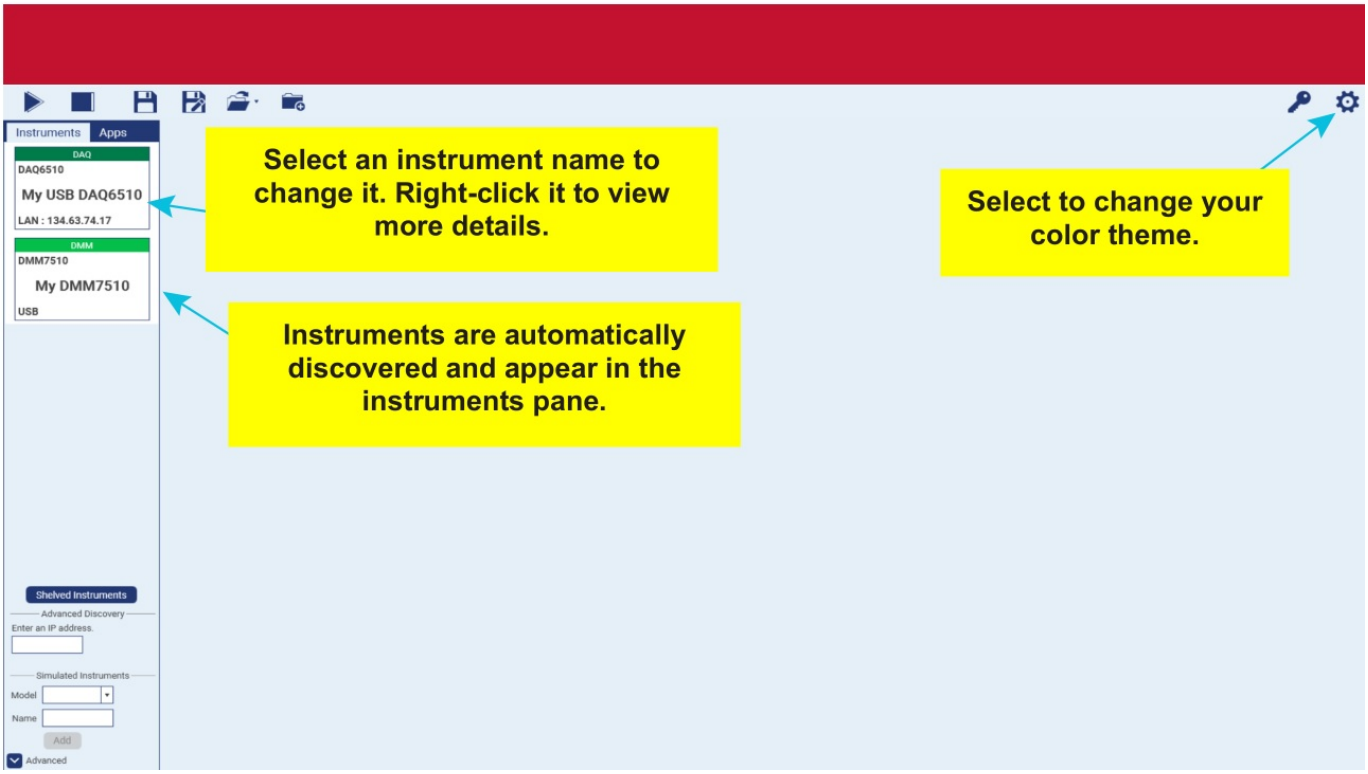
Green locked indicates a trial is available. The trial has not been activated.

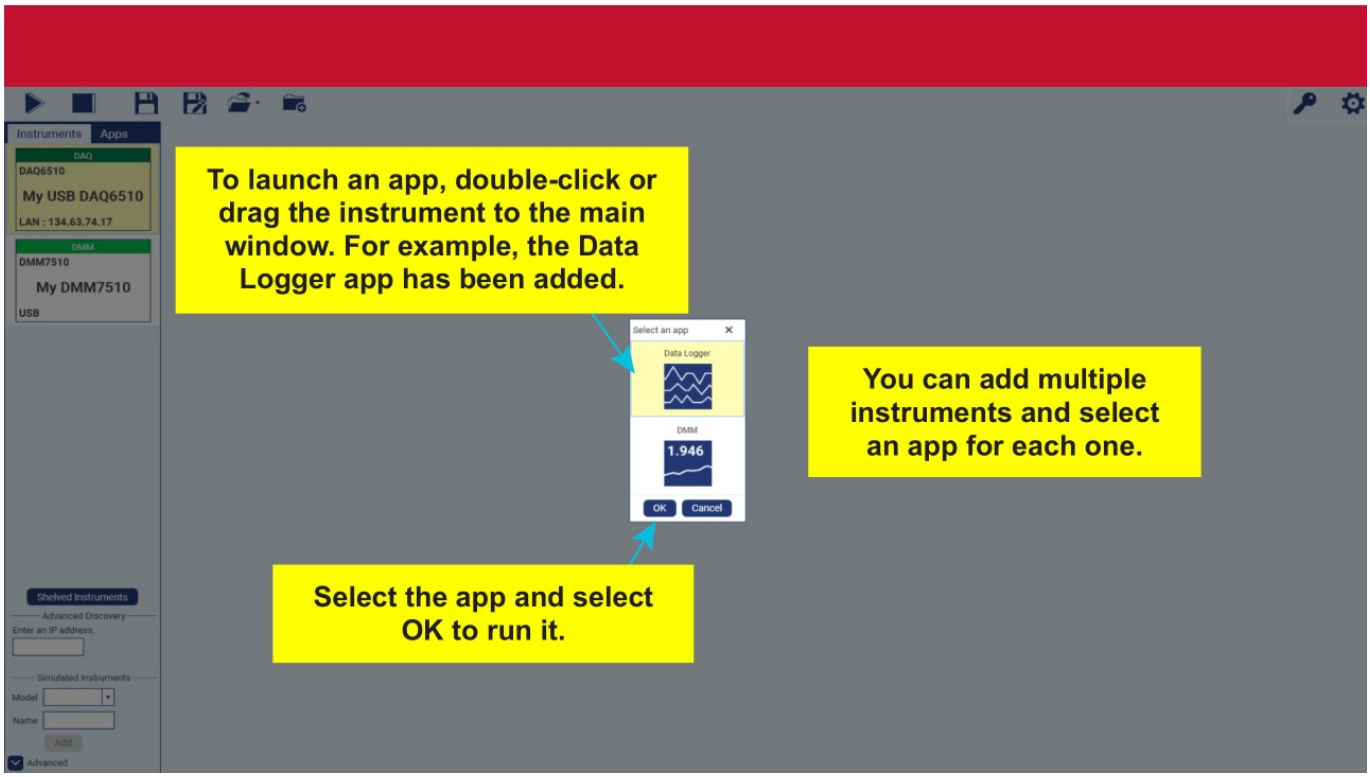


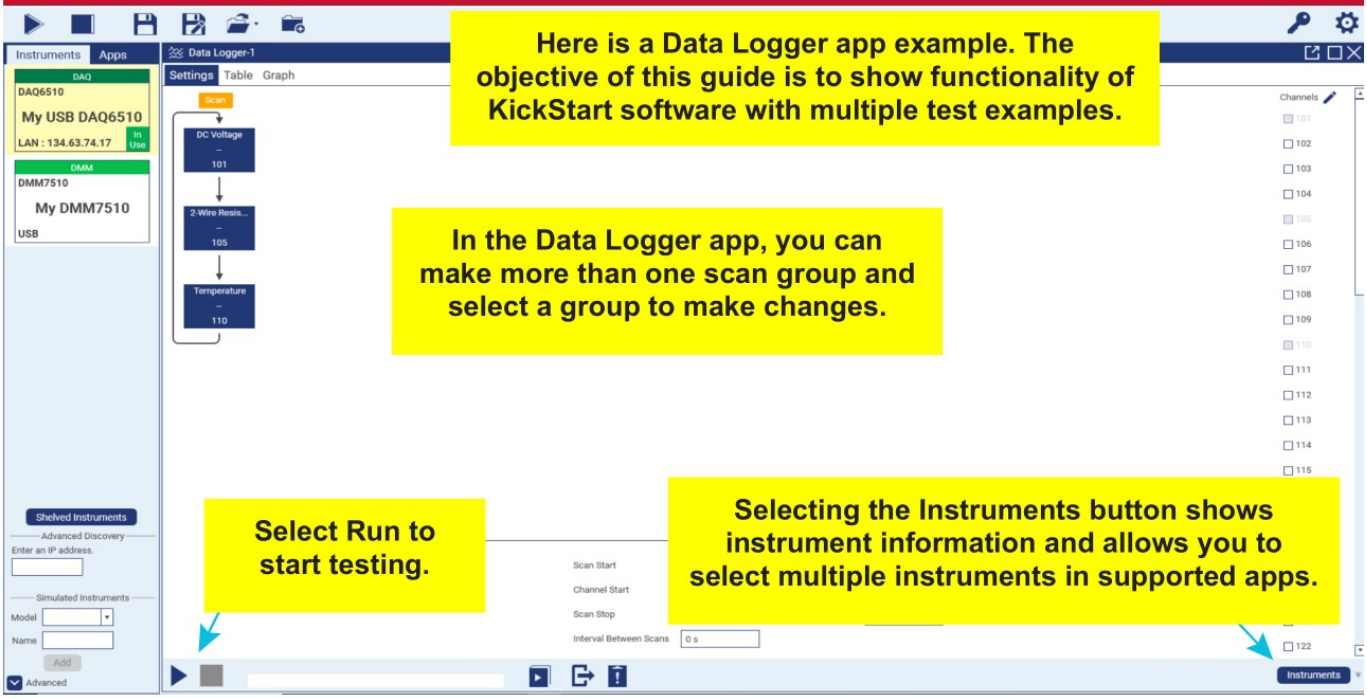

View Only allows you to view the settings of the app without starting a trial.

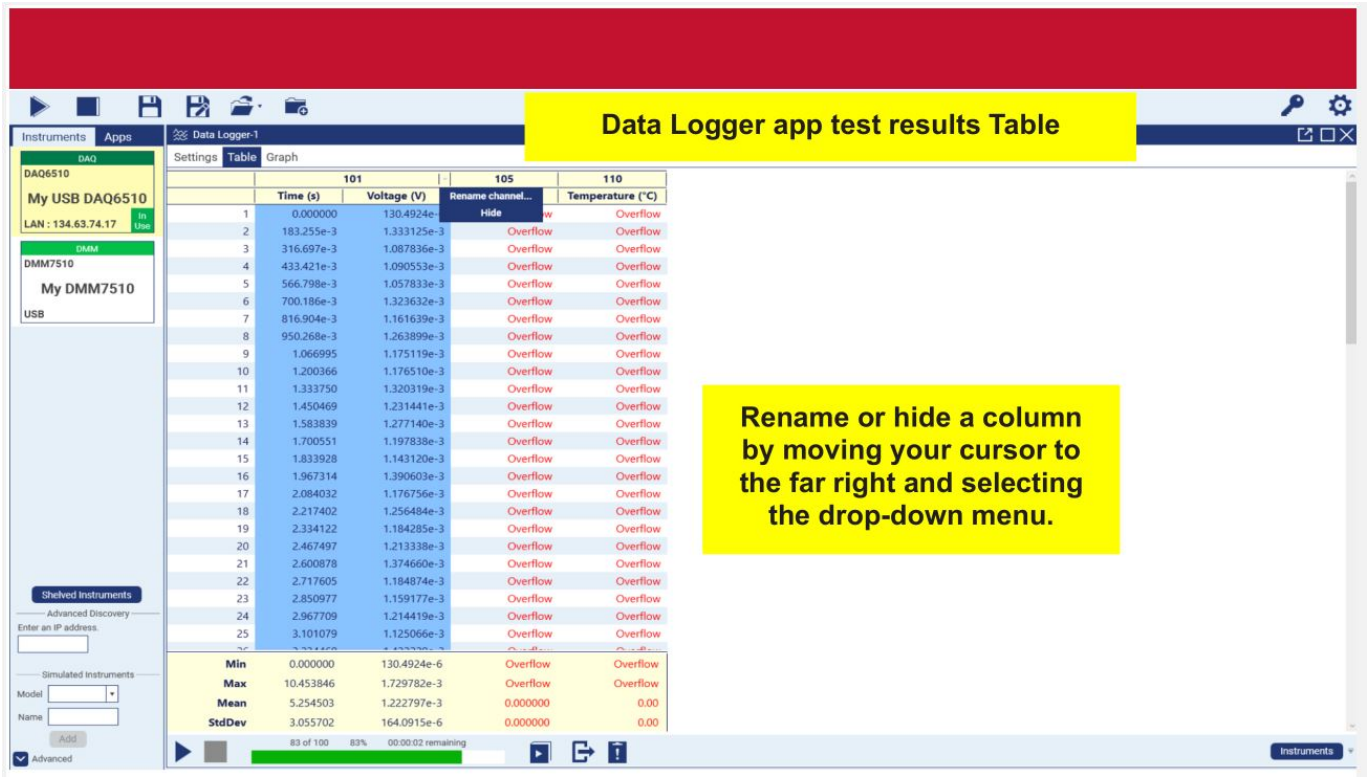
Notice the High Resistivity app has a green lock indicating a trial is available. Select Start Trial to activate.

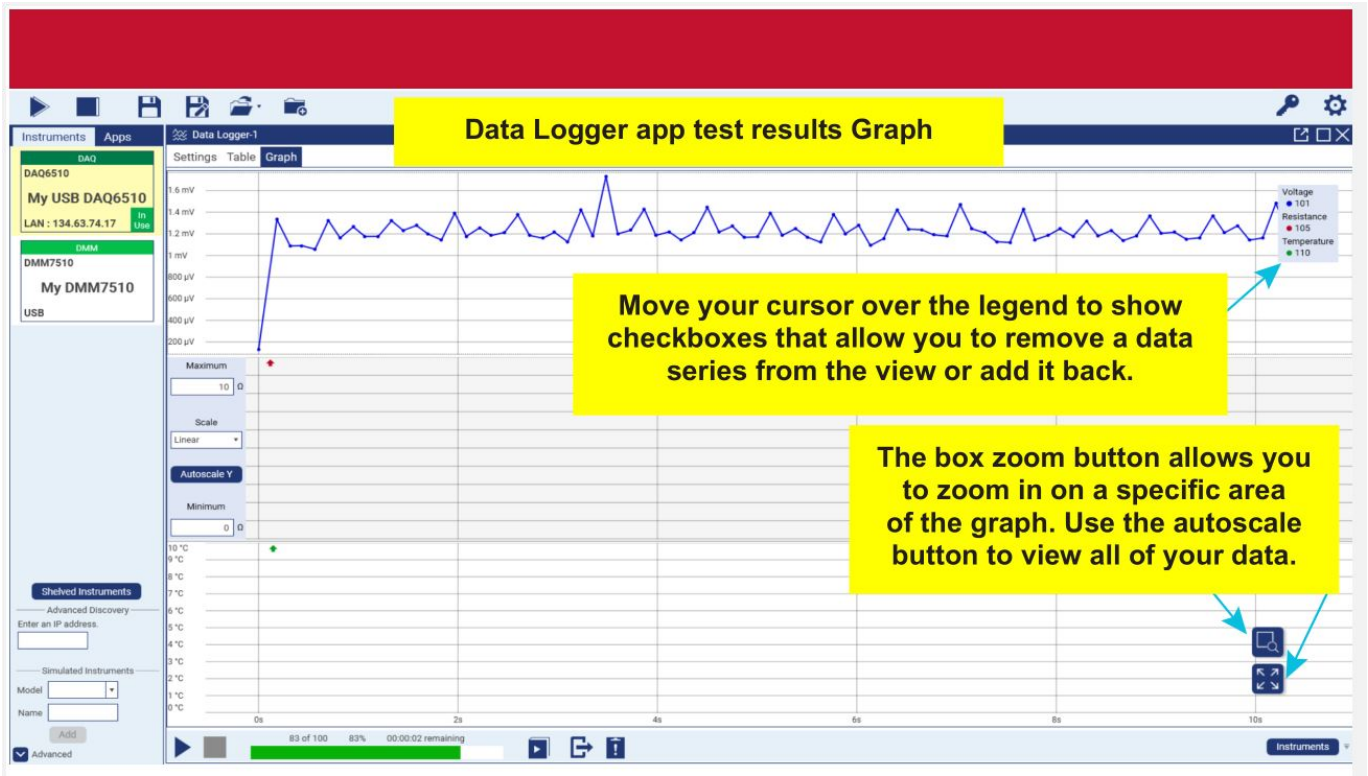

Instruments
Apps
AFG
Data Logger
DMM
High Resistivity
I-V Characterizer
Power Supply
Scope
I-V Tracer
Hover the cursor over the lock to see information about the license or trial.
High Resistivity
Trial Activated
Remaining: 29 days
The High Resistivity app trial has been activated.

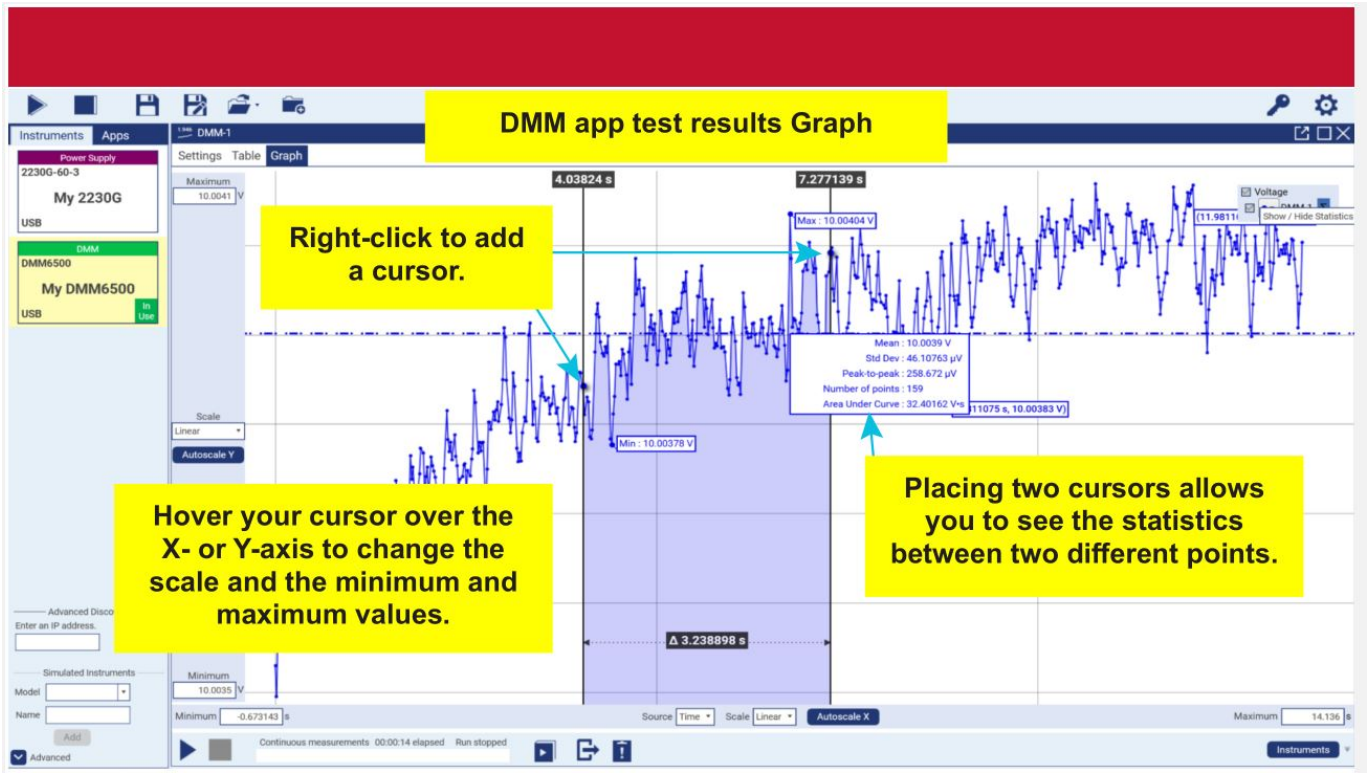

Instruments
Apps
DAQ
DAQ6510
My USB DAQ6510
LAN : 134.63.74.17
DMM
DMM7510
My DMM7510
USB
Select an instrument name to change it. Right-click it to view more details.
Instruments are automatically discovered and appear in the instruments pane.
Select to change your color theme.
Shelved Instruments
Advanced Discovery
Enter an IP address.
Simulated Instruments
Model
Name
Add
Advanced

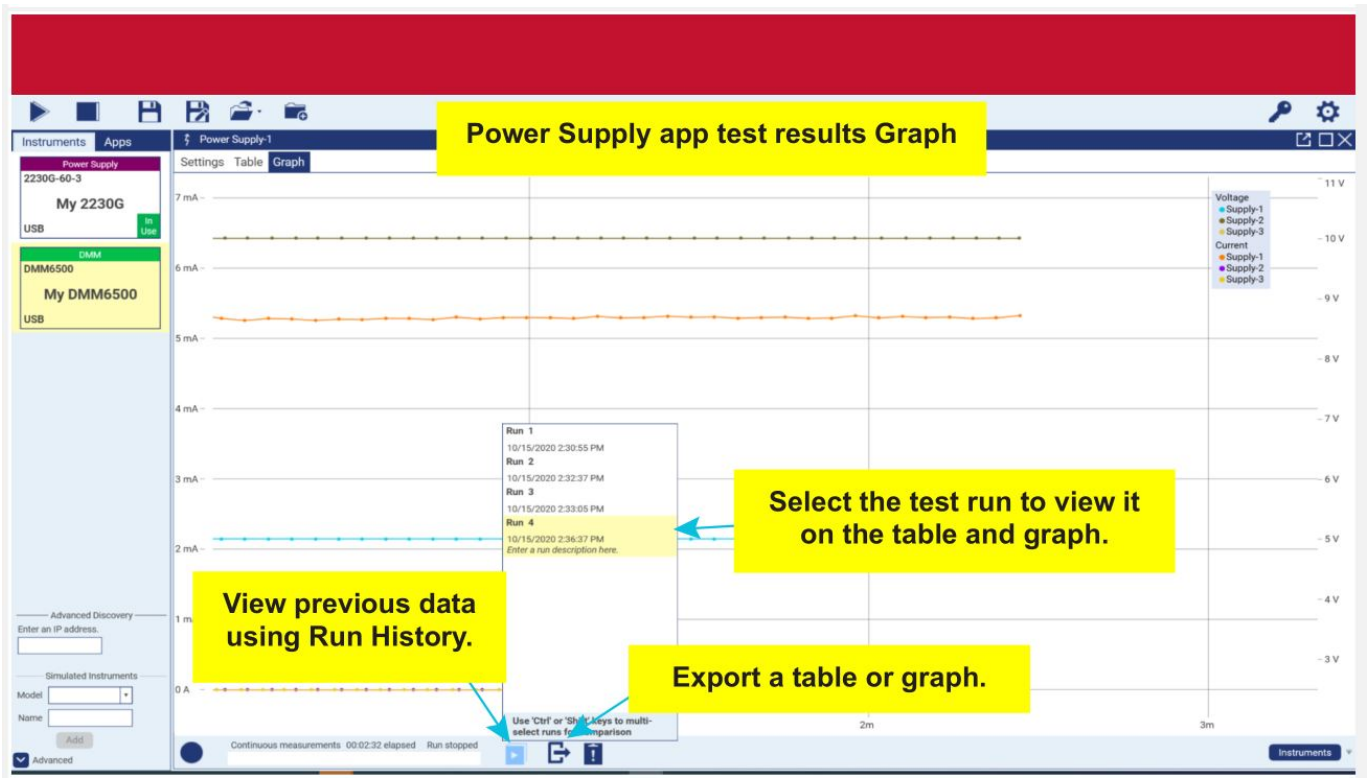

Instruments
Apps
DAQ
DAQ6510
My USB DAQ6510
LAN : 134.63.74.17
DMM
DMM7510
My DMM7510
USB
To launch an app, double-click or drag the instrument to the main window. For example, the Data Logger app has been added.
Select an app
Data Logger
DMM
1.946
OK
Cancel
You can add multiple instruments and select an app for each one.
Select the app and select OK to run it.
Shelved Instruments
Advanced Discovery
Enter an IP address.
Simulated Instruments
Model
Name
Add
Advanced


Instruments
Apps
Data Logger-1
Settings
Table
Graph
Here is a Data Logger app example. The objective of this guide is to show functionality of KickStart software with multiple test examples.
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.
Scan Start
Channel Start
Scan Stop
Interval Between Scans
Channels
Instruments

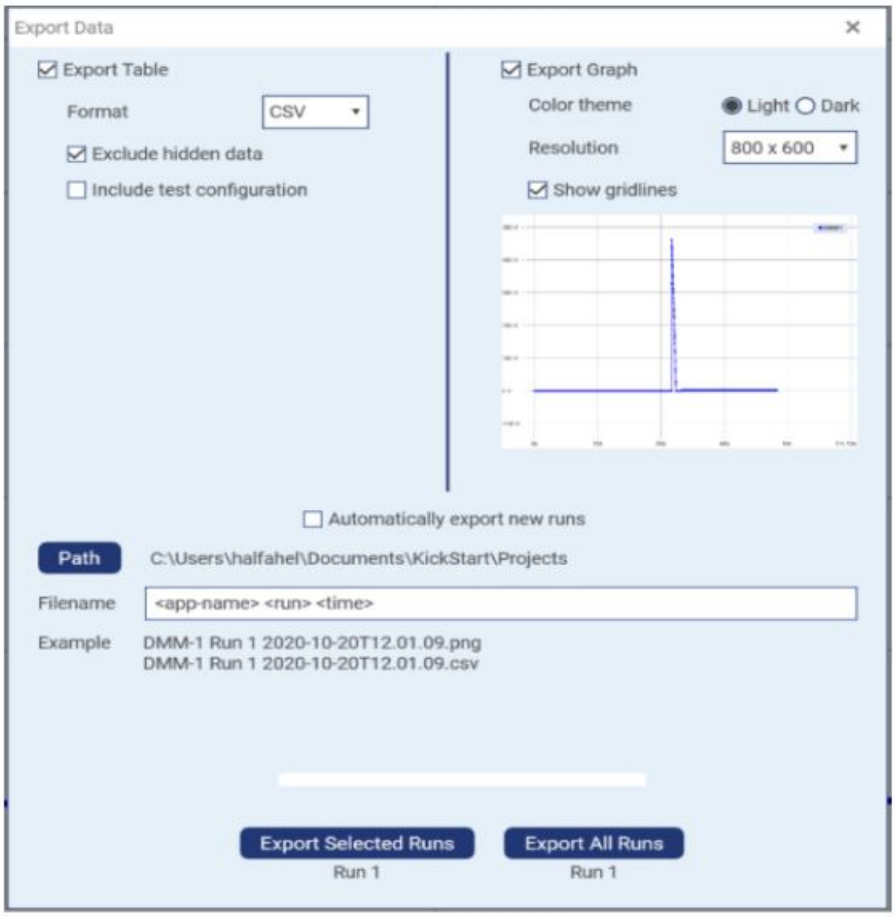

Data Logger app test results Table
Instruments
Apps
Data Logger-1
Settings
Table
Graph
DAQ
DAQ6510
My USB DAQ6510
LAN : 134.63.74.17
DMM
DMM7510
My DMM7510
USB
101
105
110
Time (s)
Voltage (V)
Rename channel...
Hide
Temperature (°C)
Min
Max
Mean
StdDev
Shelved Instruments
Advanced Discovery
Enter an IP address
Simulated Instruments
Model
Name
Add
Advanced
Instruments
Rename or hide a column by moving your cursor to the far right and selecting the drop-down menu.


Data Logger app test results Graph
Instruments
Apps
Data Logger-1
Settings
Table
Graph
DAQ
DAQ6510
My USB DAQ6510
LAN : 134.63.74.17
DMM
DMM7510
My DMM7510
USB
Voltage
101
Resistance
105
Temperature
110
Maximum
Scale
Linear
Autoscale Y
Minimum
Shelved Instruments
Advanced Discovery
Enter an IP address
Simulated Instruments
Model
Name
Add
Advanced
Instruments
Move your cursor over the legend to show checkboxes that allow you to remove a data series from the view or add it back.
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.



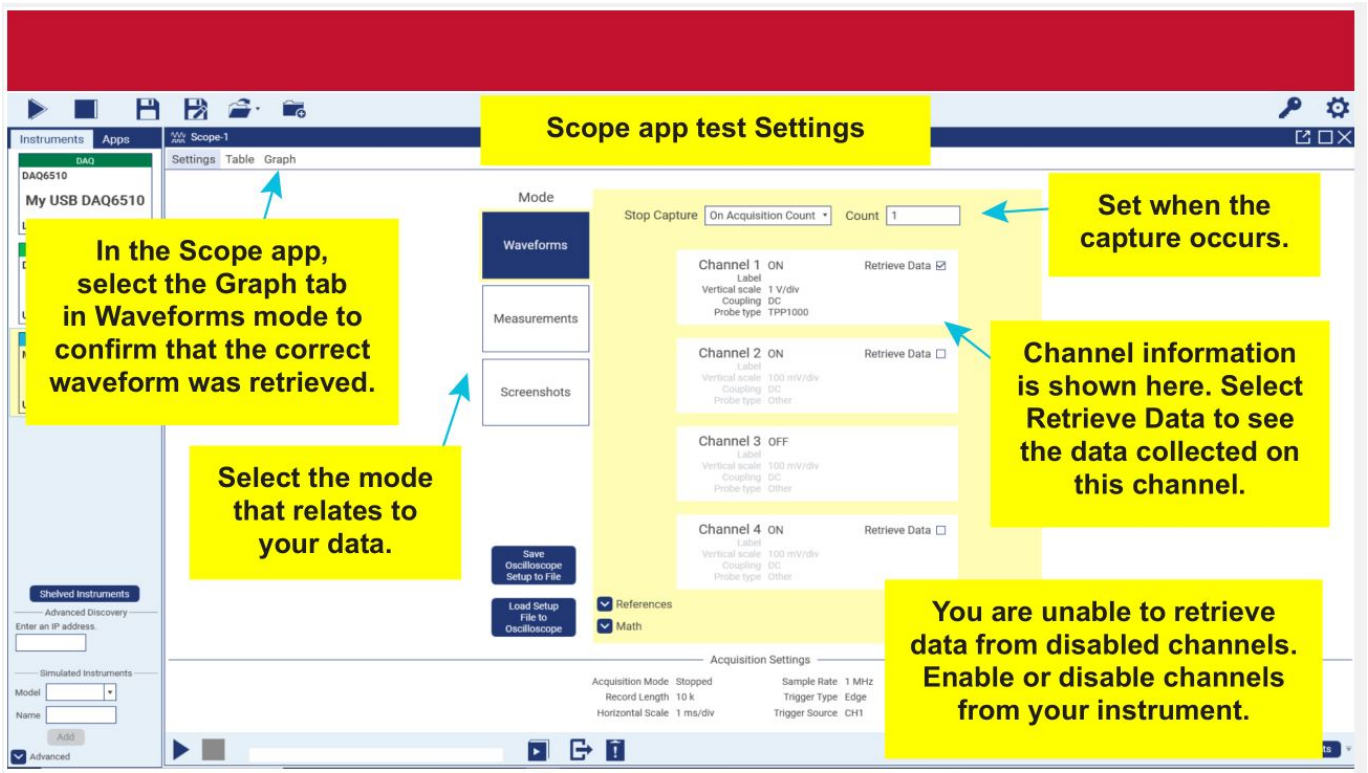

## Export selected data

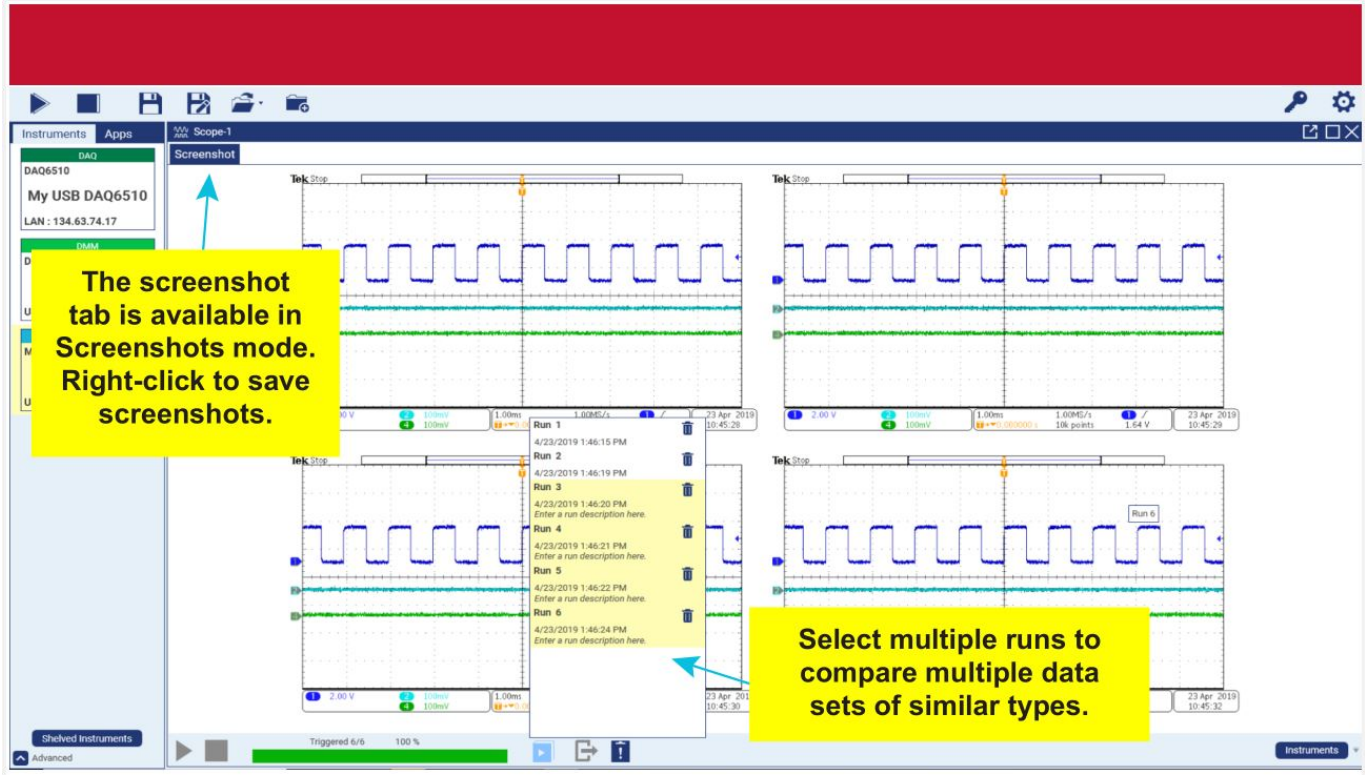



When you select the export icon, the Export Data window opens.
Here you can choose to export a table, graph, or both.

You can set your runs to export automatically. Make sure you choose the path for the saved files and create a file name.

You can export all of the runs or selected runs.






**Next steps**

For more information and to view documentation specific to your instrument, see the Keithley Instruments website, [tek.com/keithley](tek.com/keithley)

**Contact information: 1-800-833-9200**
For additional contacts, see [https://www.tek.com/en/contact-tek](https://www.tek.com/en/contact-tek)

Find more valuable resources at TEK.COM.
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KKS-903-01 Rev. K April 2022

**Documents / Resources**

| | |
|---|---|
| | KEITHLEY KickStart Software [pdf] User Guide<br>KickStart Software, KickStart, Software |

## References

- Test and Measurement Equipment | Tektronix
- Keithley KickStart Software | Tektronix

Manuals+,