

ODP8000 Series Software Help Tool

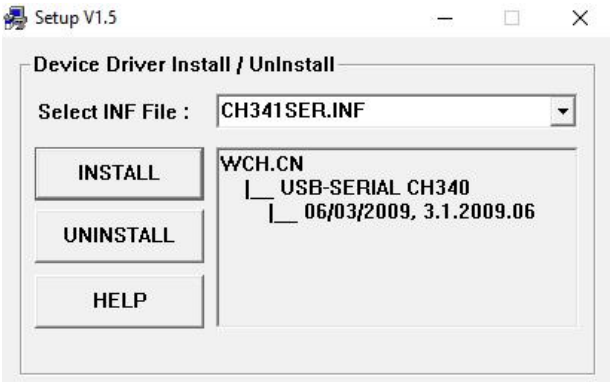
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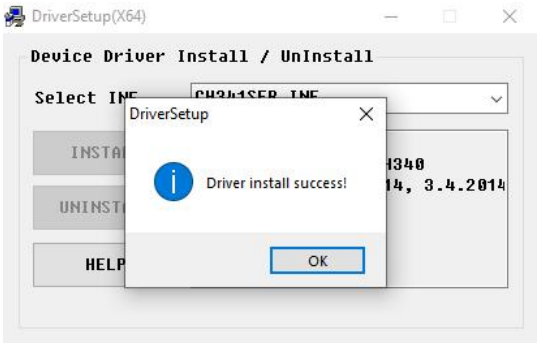
Install Driver

CH340 Driver

1. Click to unzip “driver.zip”,double-click USB-SERIAL_Install_Windows_Vx_x , decompress the serial port Chip Driver package and install the CH340 driver.



2. Click Install, wait for the installation to complete, click OK, as shown below.

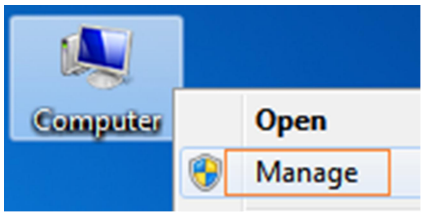


3. Go back to the computer and click Device Manager to check the COM number and driver, as shown below.

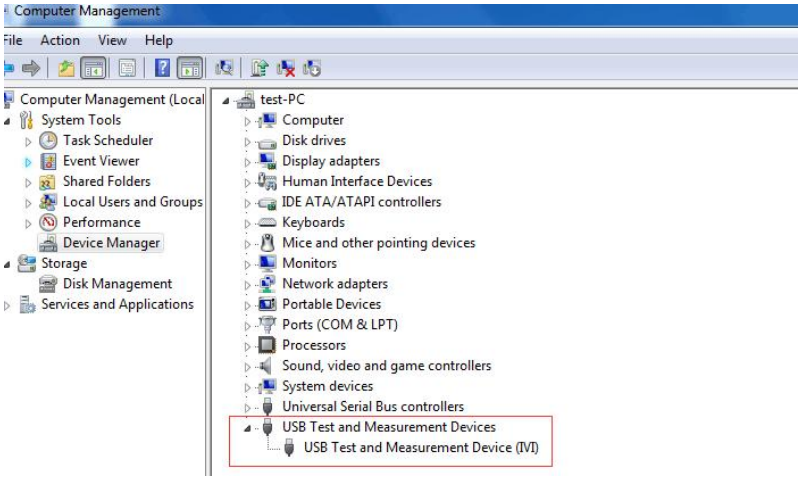


NI VISA Driver

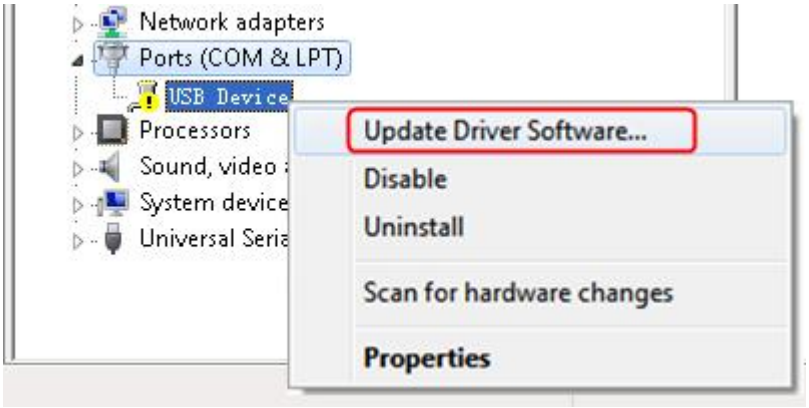
1. Please download and install the driver from NIVISA: Open http://www.ni.com, search "**NI-VISA**", click the link of NI-VISA Download. In the download page, select the supported OS and version and then download the driver.
2. Right click [**Computer**], you can find it on the desktop, or in [**Start**] menu. In the drop down menu, click on [**Manage**], the “Computer Management” window opens.



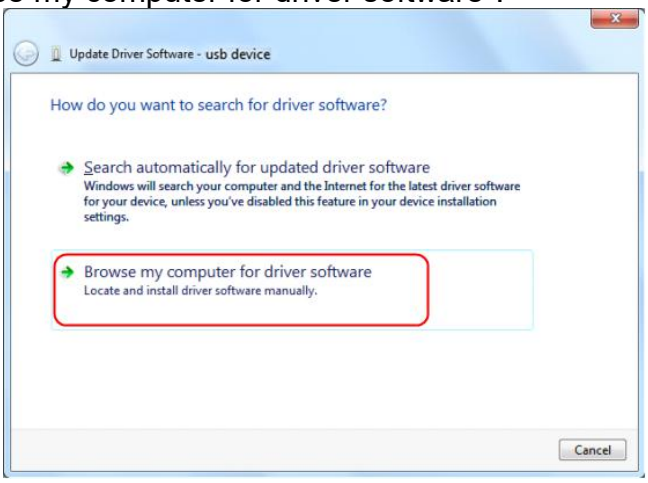
3. Select the corresponding NI-VISA driver.



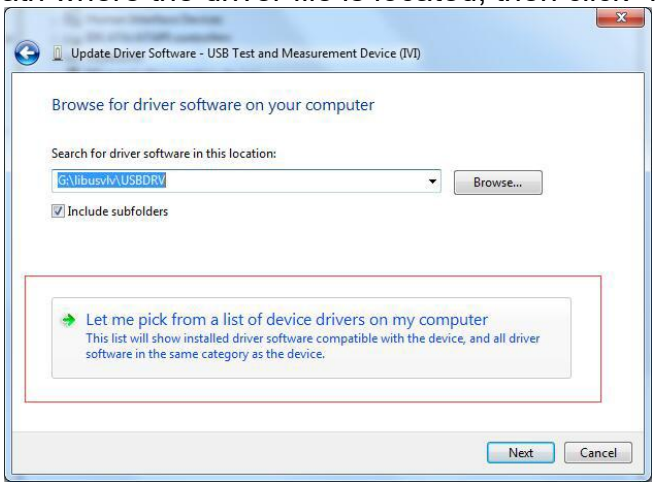
4. If the current driver is not as shown in the figure above, manually select the driver.



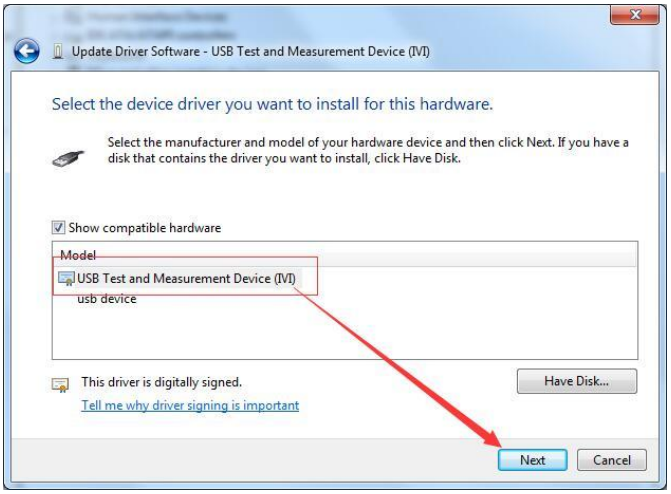
(1) Click "Browse my computer for driver software".



(2) Select the path where the driver file is located, then click "Next".



(3) Click Next to finish.



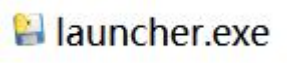
Connecting the Device

Connection Instructions

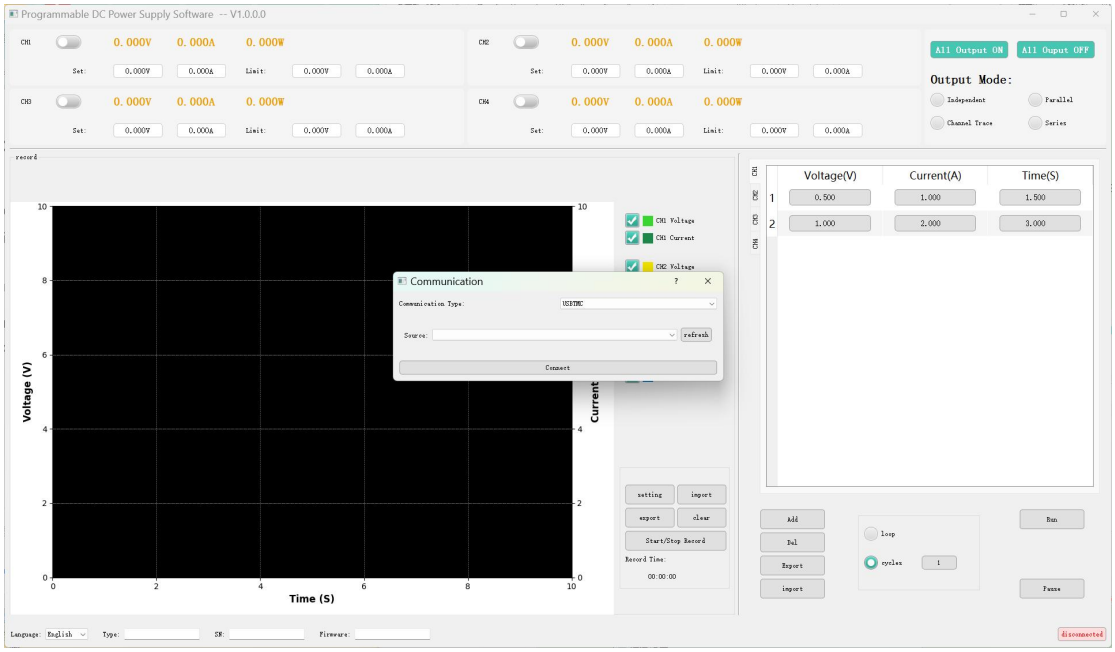
Before installation, download the software package and related files (Software.zip, Driver.zip, Software Help Document) from our official website. The host software supports three connection types: serial, LAN, and USBTMC.

Connecting via USBTMC

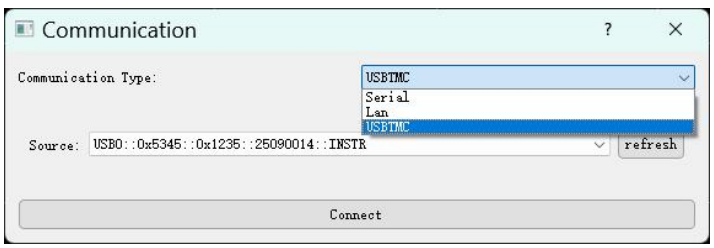
1. Double right-click the "launcher.exe" file to open it, as shown in the figure below.



2. Enter the main interface of the software, as shown in the figure below.

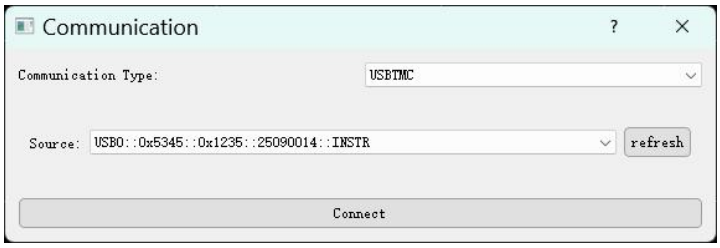


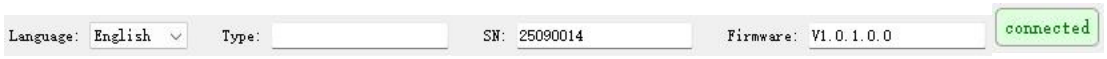
3. Click the drop-down list and select "USBTMC".



4. Click **"refresh"** to add the current source. Click **"Connect"** to connect the device. Upon successful connection, the instrument ID and connection status will be displayed.

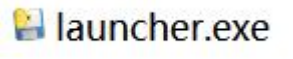
   Note: If the source cannot be found, please switch the device mode setting to "USBTMC", then click **"refresh"** to search for the device source again.



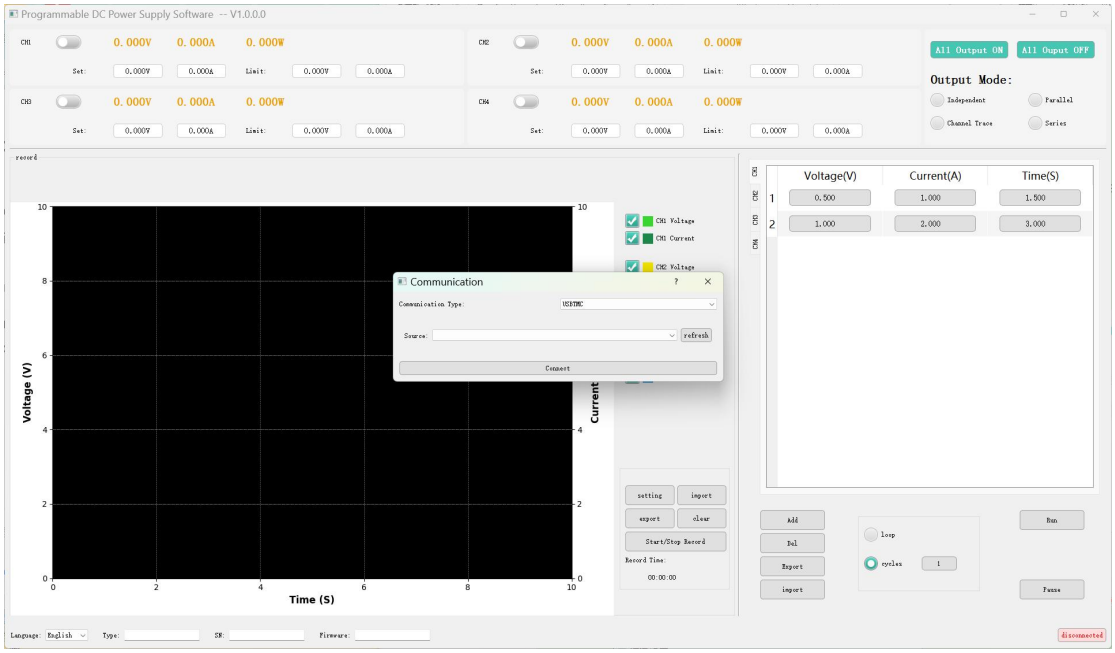


Connecting via Lan

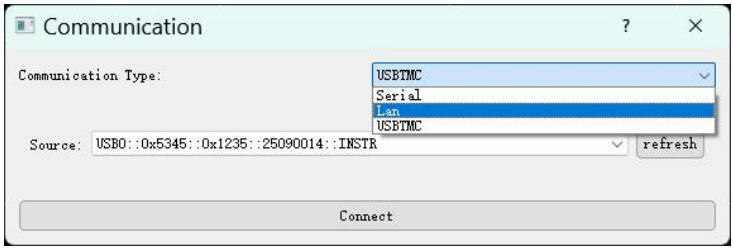
1. Double right-click the "launcher.exe" file to open it, as shown in the figure below.



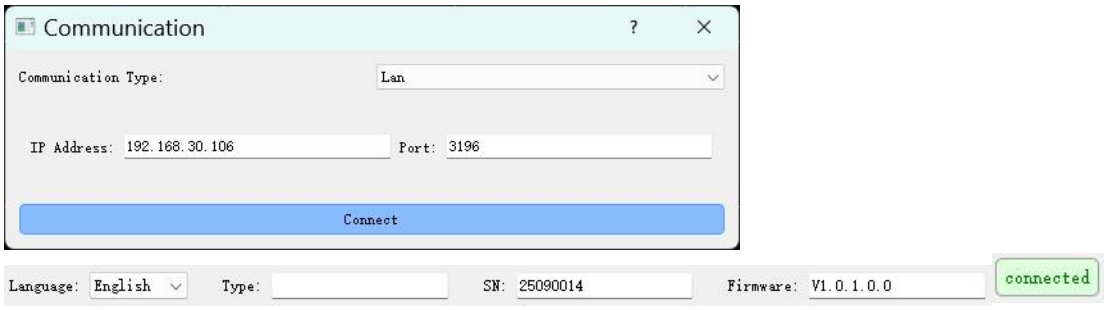
2. Enter the main interface of the software, as shown in the figure below.



3. Click the drop-down list and select "Lan".

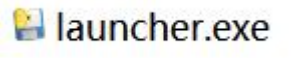


4. Enter the IP address and port number (matching the device settings), then click **"Connect"** to connect the device. Upon successful connection, the instrument ID and connection status will be displayed.

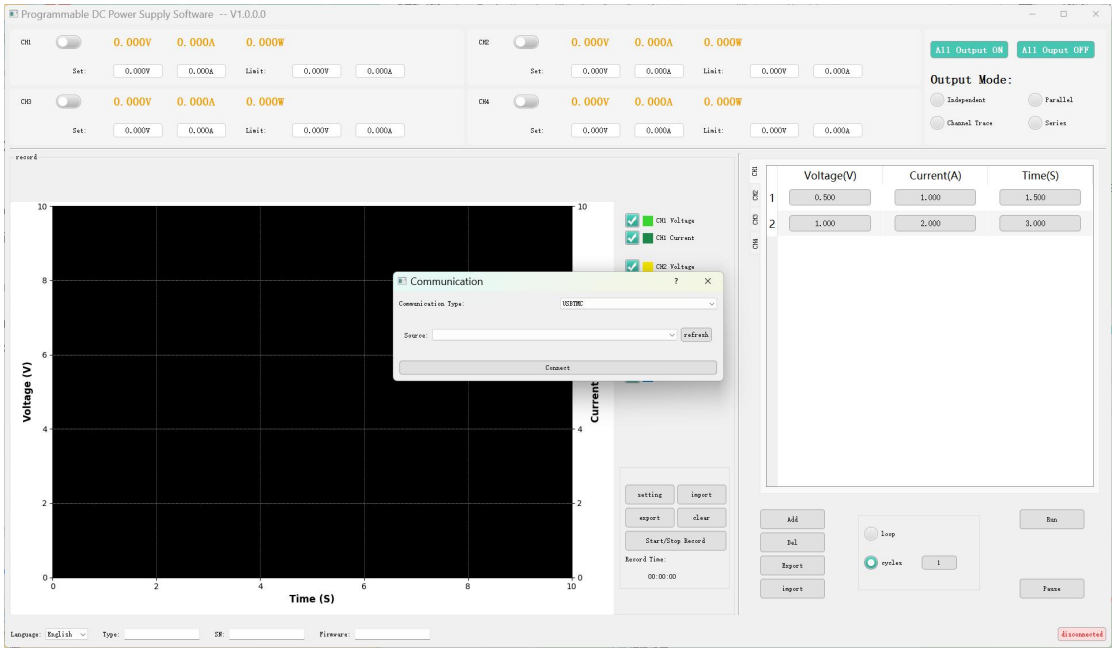


Connecting via Serial

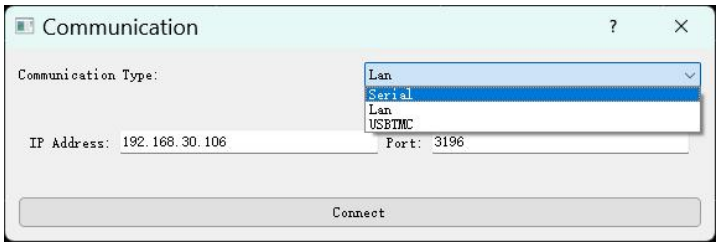
1. Double right-click the "launcher.exe" file to open it, as shown in the figure below.



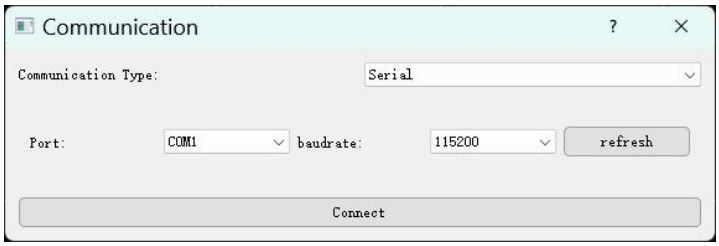
2. Enter the main interface of the software, as shown in the figure below.



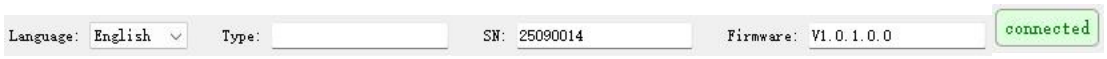
3. Click the drop-down list and select "Serial".



4. Click the COM port drop-down list and select the COM port connected to the instrument. Click the baud rate drop-down list and select the baud rate that matches the instrument. If the COM port is not found, click **"refresh"**.

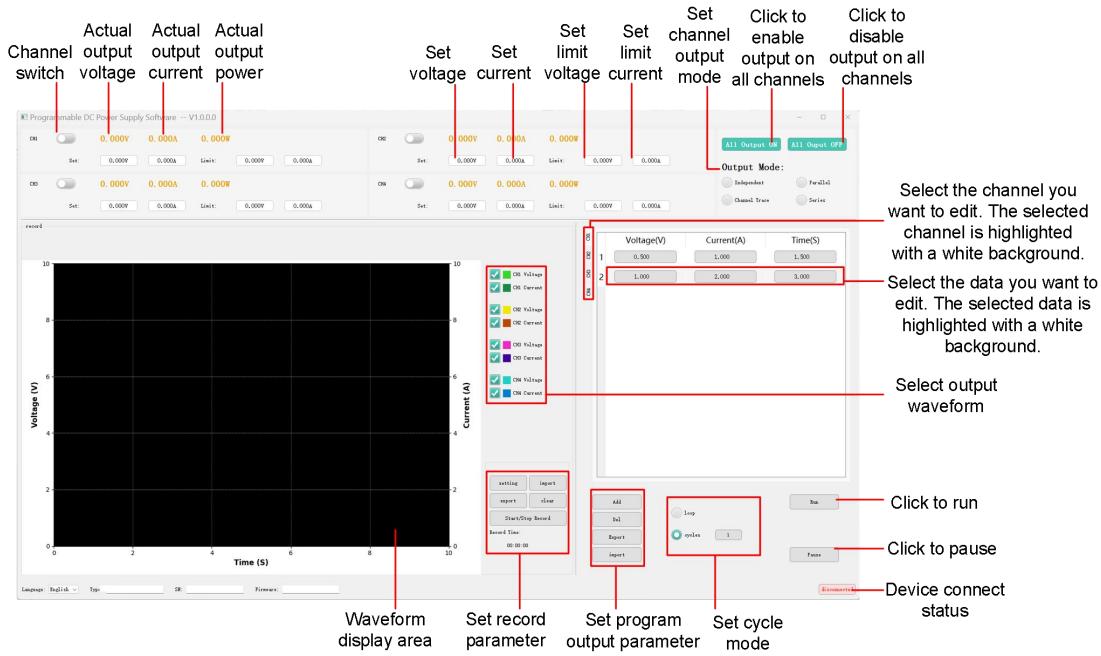


5. Click **"Connect"** to connect the device. Upon successful connection, the instrument ID and connection status will be displayed.



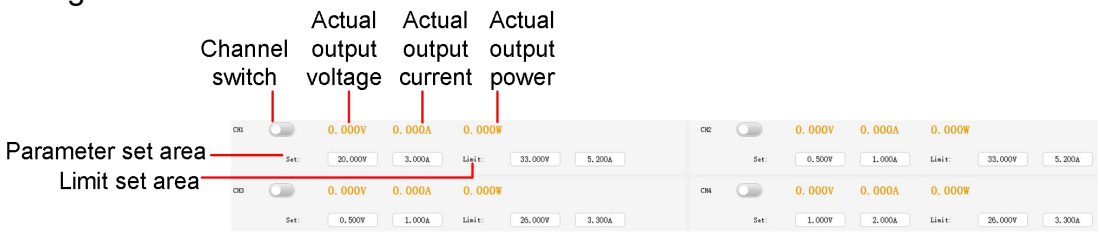
Software Operation Introduction

Interface Introduction



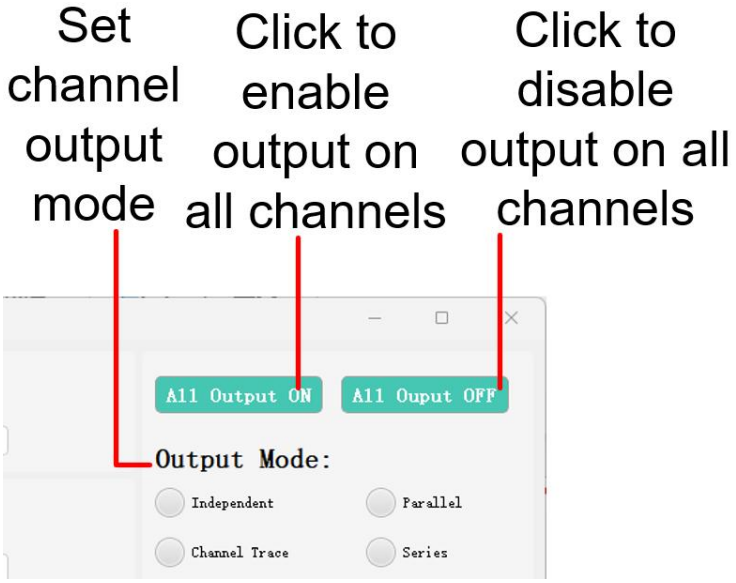
Channel Parameter Area

Setting Parameters: Enter the desired parameter in the corresponding parameter input field, then press the **"Enter"** key to confirm the parameter setting.



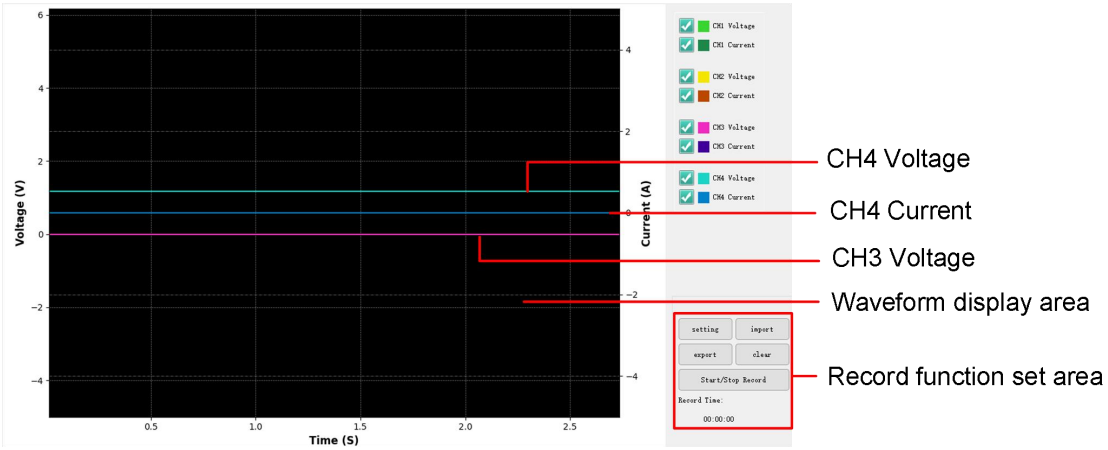
Channel Control Area

Selecting the output mode simplifies parameter input for Channel 1 and Channel 2. The output mode selection applies only to Channel 1 and Channel 2; it has no effect on Channel 3 or Channel 4.



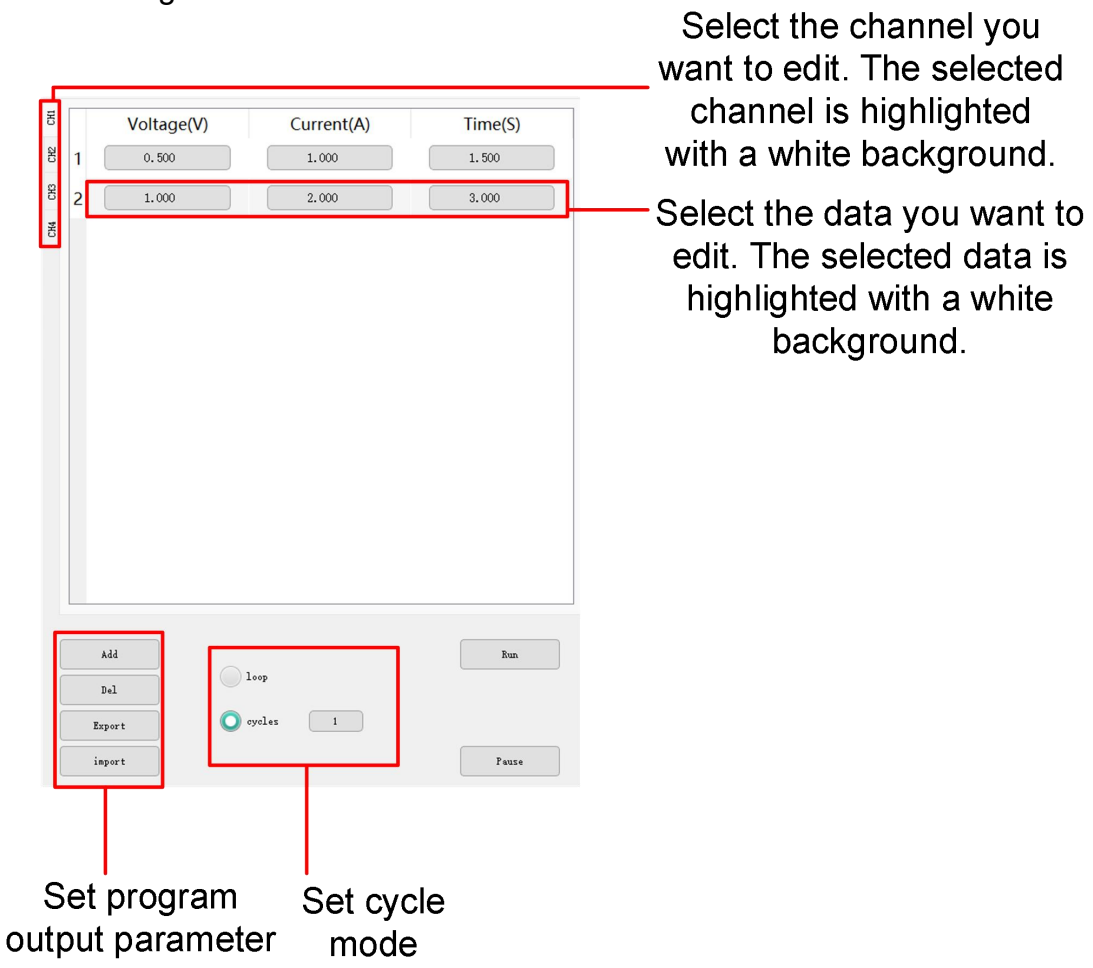
Voltage/Current Waveform Area

After the channel output is enabled, click "Record" to view the voltage/current variation curve of the channel in the waveform area.



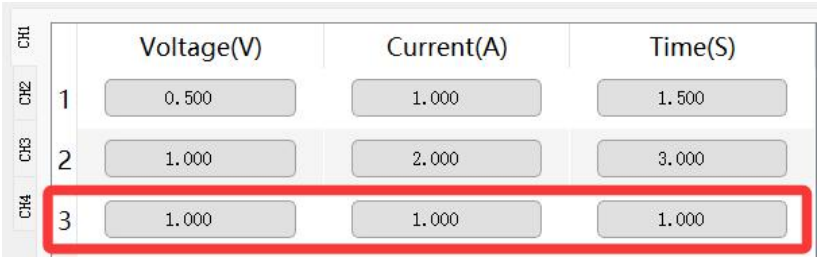
Program Data Set Area

The programmable output function allows up to 100 sets of timing parameters to be preset for each channel. Once the programmable output is enabled, the instrument will output the preset current and voltage values according to the preset timing.

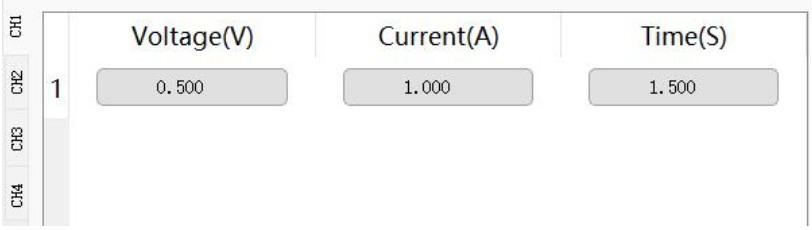


Taking CH1 as an example:

1. Click **"Add"** to add a set of data.



2. Click **"Del"** to delete the selected data.



3. Click **"Export"**, select the export location, and the current data will be exported to the selected folder.
4. Click **"Import"** to import previously configured data.
5. During programmable output, the system will output the preset parameters from the start sequence number to the end sequence number in periodic or cyclic mode, according to the settings.
6. Click **"Run"** to start data output. Once started, the **"Run"** button will change to **"Stop"**; click **"Stop"** again to end data output. Click **"Pause"** to temporarily suspend data output, and click "Run" to resume output.