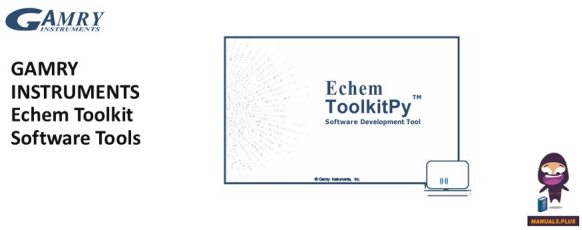

GAMRY INSTRUMENTS Echem Toolkit Software Tools User Guide

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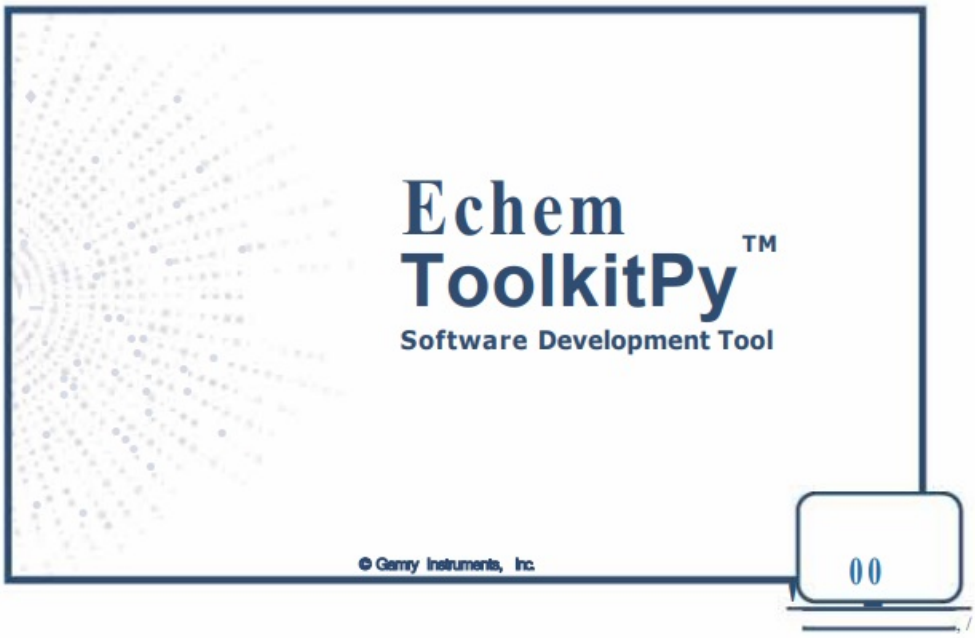
GAMRY INSTRUMENTS Echem Toolkit Software Tools

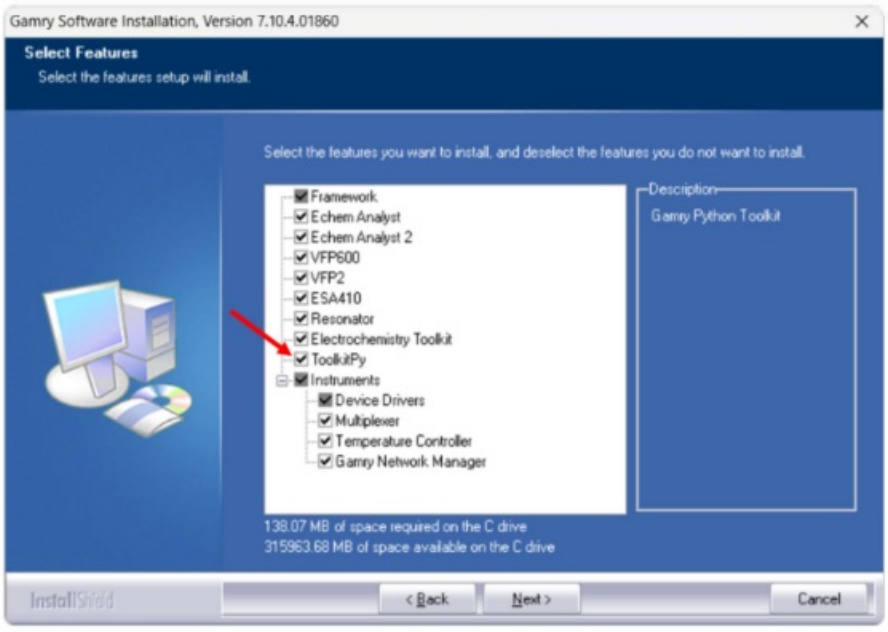


Gamry Software Suite Installation

For the installation process, you will require Gamry's software Version 7 .10.4 or higher. If you have not installed Version 7.10.4 yet, but own one of our instruments, download the latest installation file on Gamry's Client Portal.

Gamry's Software Suite Installer provides all necessary files for the installation of the ToolkitPy software development tool. It includes ToolkitPy, a Python Installer for a curated version of Python 3.7.9 (32-bit), and various site-package libraries such as NumPy 1.21.6 or Pyside2 5.15.2. Python Package Index (PyPI) should not be required.

During the installation, you can add various software features. Programs such as Echem Analyst 2 or Framework are already pre-selected by default. ToolkitPy may not be automatically selected. Click on the checkbox next to ToolkitPy to add it to the installation process. Press Next to continue and follow the subsequent steps.



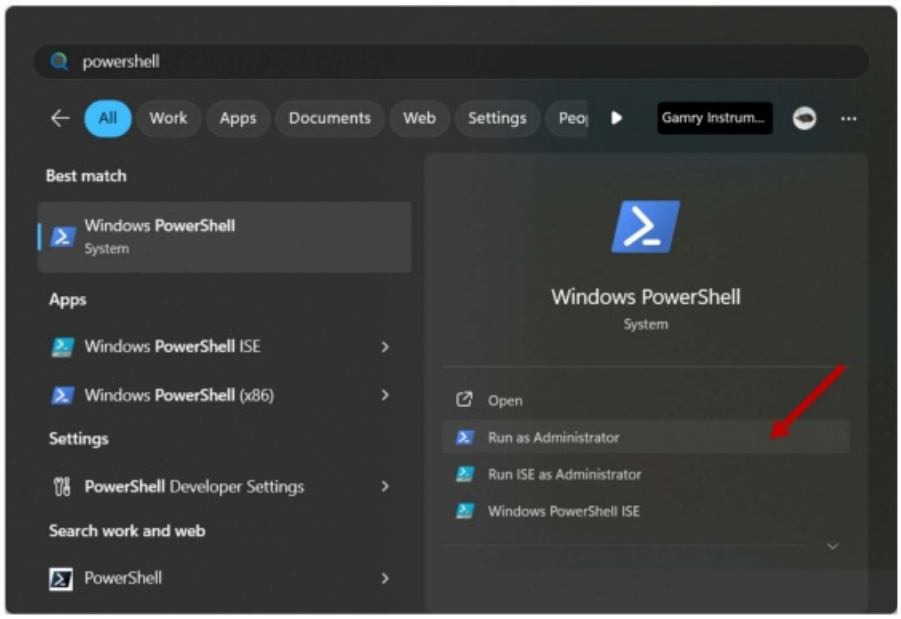
After selecting the ToolkitPy feature and the installation has been completed, the following file directories will be installed:

Description	Directory	
Python components	C: \ProgramData\Gamry	Instruments-Python
Sample scripts	C: \ProgramData\Gamry	Instruments-Python\Scripts
Source code forVFP2	C: \ProgramData\Gamry	Instruments-VFP2

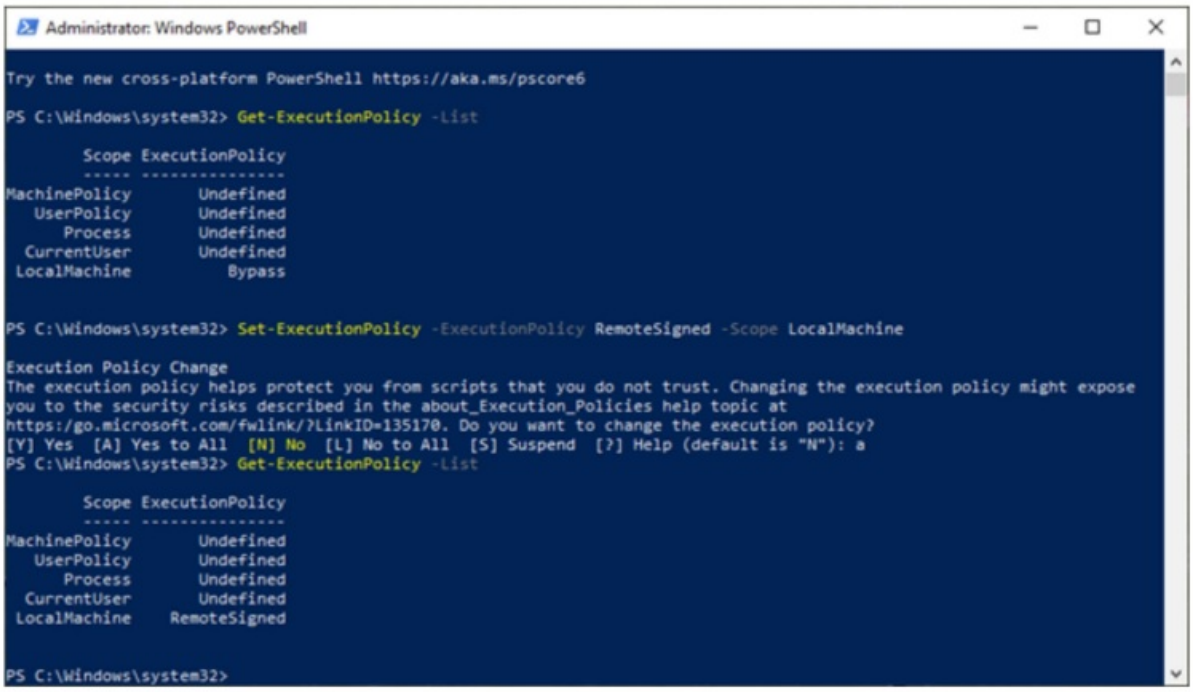
You are now ready to install the ToolkitPy software package.

ToolkitPy Installation

Make computer. sure If that you you are have unsure of administrator your privileges rights on on the your device, please contact your IT Department. Before starting the installation, you must verify that the computer has the proper ExecutionPolicy to ensure that PowerShell can execute the installation script. Launch Windows® PowerShell by right clicking the program and selecting Run as administrator. Select Yes to allow changes when prompted.

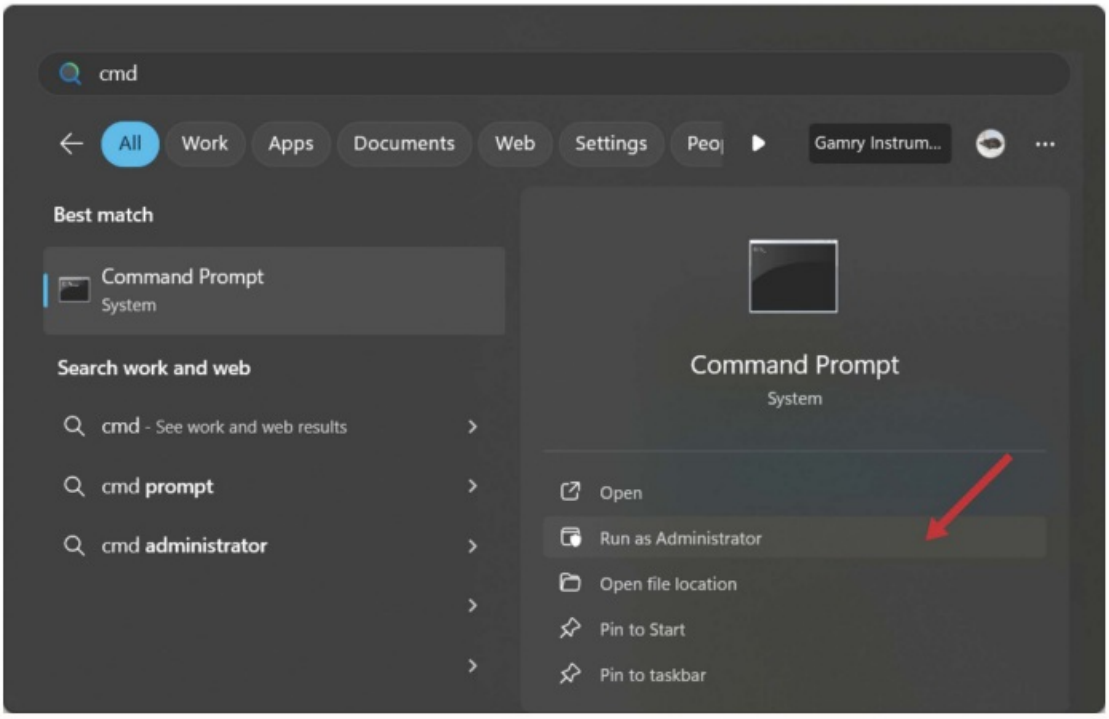


- In PowerShell, get the ExecutionPolicy list to see what is currently allowed. First execute:
  Get-ExecutionPolicy -List
- Then, execute:
  Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope LocalMachine
  This will allow PowerShell to run the script. The policy change will ask you to apply the change to a portion, all, or none of the current policies. Use a for Yes to All.
- Finally, execute:
  Get-ExecutionPolicy -List
  The last step is repeated to verify the changes. Close PowerShell once the change is confirmed. See the figure below for the fully executed sequence.



Python 3.7 .9 Installation

If you have an existing installation for Python 3.7 (32-bit), you must uninstall it using the control panel Apps > Installed Apps utility. Proper installation of Python 3.7.9 will not occur if an existing copy is stored anywhere on your computer, including other users' folders. Open a Command Prompt by searching in the Windows Start menu for cmd and selecting Run as administrator. Select Yes to allow changes.



The Command Prompt window header will be labeled Administrator Command Prompt if it has been properly.

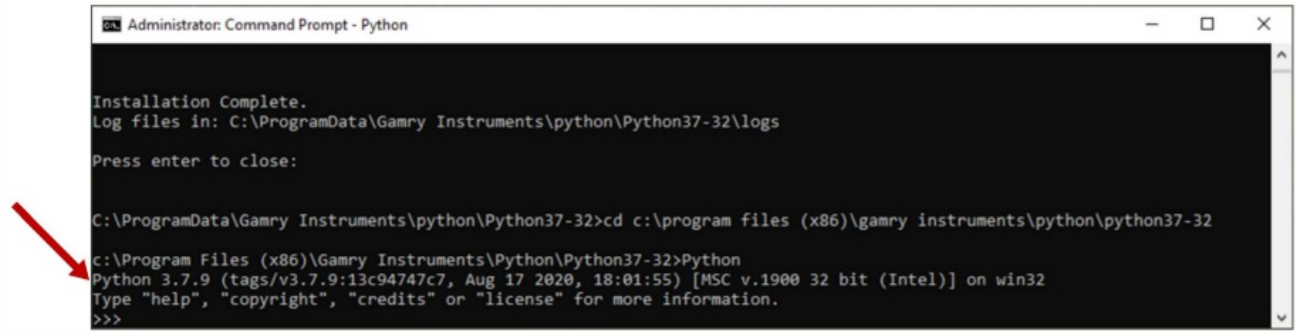
In the Command Prompt, change the directory by typing:

- cd C:\ProgramData\Gamry Instruments \Python\Python37-32 Press Enter to confirm and then type:

powershell . \install 32bit .psl

- Enter y to proceed with the installation.
- First, Python 3.7.9 will be installed at C: \Program Files (x86) \Gamry Instruments \Python \Python37-32. Afterwards all required site-packages will be installed. If the installation was successful, you will see a message that the installation was completed.
- Continue and test the installation. Change the directory by typing:
- cd C:\program files (x86)\gamry instruments\python\python37-32
- In this directory, type:
- Python

  Press Enter. The first line under the command should list Python 3.7.9, as shown in the image below.



- Close the Command Prompt.
- You are now ready to use the Echem ToolkitPy software package.

You can find the ToolkitPy Help Manual by searching ToolkitPy Help in your Windows Start Menu.
The extensive Help contains all the information you need to start developing scripts with ToolkitPy, including sample scripts.

Contact your local Gamry representative or Gamry's technical support if you experience any problems.

- Phone: + 1 215 -682-9330
- Web: https://www.gamry.com/support-2/

Contact Support

FAQ

- **Q: Do I need to have administrator rights to install the ToolkitPy software?**

  A: Yes, administrator rights are required to install the ToolkitPy software.
- **Q: Can I install ToolkitPy without selecting it during the installation process?**

  A: ToolkitPy may not be automatically selected during installation. Make sure to check the checkbox next to ToolkitPy to add it to the installation process.

Documents / Resources

GAMRY INSTRUMENTS Echem Toolkit Software Tools [pdf] User Guide
Echem Toolkit Software Tools, Toolkit Software Tools, Software Tools

References

- Gamry Instrument's User Account Gamry Instruments
- Service and Support Pages: FAQ-Electrochemical Training-Tech Support Gamry Instruments
- User Manual

Manuals+, Privacy Policy

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