GAMRY INSTRUMENTS

Gamry Potentiostats

QUICK-START GUIDE



Guide #1
Potentiostat Installation

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988-00038 – Gamry Potentiostats Quick-Start Guide – Guide #1 Potentiostat Installation – Rev. 5.0

Unpacking

1

Verify that you have received all parts listed on your packing list and that no part is damaged.



If anything is missing or parts are damaged, contact Gamry's support (https://www.gamry.com/support-2/contact-technical-support/) or your local distributor. Do not use any damaged parts, as they impose a safety hazard.

Hardware setup

2.1

Connect the Cell cable

1. All Gamry standard cell cables have a D-sub connector on one end and a number of leads terminated with banana plugs on the other.
2. Connect the D-sub connector end of the cable to the **Cell Cable** port on the front of the potentiostat. Depending on your system, you may have to install a single or two cell cables. Always use the knurled screws to hold the cable in place.

2.2

Connect the USB cable

1. Place your potentiostat on a flat workbench surface. Leave enough space to the rear side to have access for the cables.
2. Connect the potentiostat to a computer using the high-speed **USB A/B cable** provided with your system (P/N 985-00131).
3. Connect the **type A** end (the wider, rectangular shaped connector) into a USB port on your computer or USB hub)
4. Connect the **type B** end (a nearly square connector plug) into the USB port on the rear panel of the potentiostat.
5. The USB connection can be "hot plugged". This means both the computer and the potentiostat can be powered up before the USB cable is plugged in.

2.3 Connect the Power In cable

1. Gamry's potentiostats do not plug in directly into the AC mains supply but uses an external power supply which supplies a regulated DC output.
2. The external power supply is typically supplied with a line cord suitable for use in your country.
3. The output cord from the external power supply plugs into the DC **Power In** jack on the rear panel of the potentiostat.
4. Connect the type B end (a nearly square connector plug) into the USB port on the rear panel of the potentiostat.
5. The USB connection can be "hot plugged". This means both the computer and the potentiostat can be powered up before the USB cable is plugged in.



When replacing the line cord for the power supply, always verify that it has adequate power ratings. Do **not** use a line cord that shows any damages or exposed wires.

2.4 Power up your Instrument

1. Power up your system by pressing the Power button on the potentiostat front panel. The blue **Power LED** blinks until steady. The **USB LED** turns green if a valid connection has been made to the computer.
2. Microsoft Windows® detects your potentiostat automatically and a **Found New Hardware** prompt appears. If necessary, select **Install Software Automatically**.

Software configuration

3.1

1. Launch the Gamry Framework™ software.
2. The **Gamry Instrument Manager (GIM)** automatically opens in a separate window. Alternatively, you can open GIM from the menu under **Options > Instrument Manager...**.

   Here you can view and manage all of your Gamry potentiostats.

3. On the left is a list of all registered instruments known to the system. The green indicator shows devices ready-to-use, the orange indicator highlights instruments that are currently in use, and the black indicator shows previsouly known devices that are currently not connected.

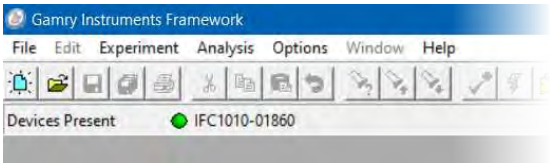
4. The right window shows the device information. Here you can configure your instrument:



- customize the instrument's label
- look up model name and serial number
- upgrade the tier of your instrument
- update the firmware
- calibrate your instrument

3.2

Close the Gamry Instrument Manager. After a moment, your potentiostat should appear in the **Device List** along with a green indicator. Repeat previous steps for additional potentiostats.



3.3

Your Gamry potentiostat is now properly set up. Before you can run any experiments, check out the calibration status of your instrument. Follow the steps in **Guide #2: Potentiostat Calibration**.

Be sure to read through the **Operator's Manual** of your instrument for more details. You can find the latest version on Gamry's website: https://www.gamry.com/support-2/documentation-downloads/