



**Take direct  
control of your  
PA 800 Plus**

## Empower your PA 800 Plus with the **SCIEX Empower Driver version 1.3**

Enable advanced integration of your PA 800 Plus Pharmaceutical Analysis System with Waters Empower 3 Chromatography Data Software (CDS) for data integrity compliance, reducing regulatory risk and maximizing method transfer efficiency, with the SCIEX Empower Driver version 1.3.

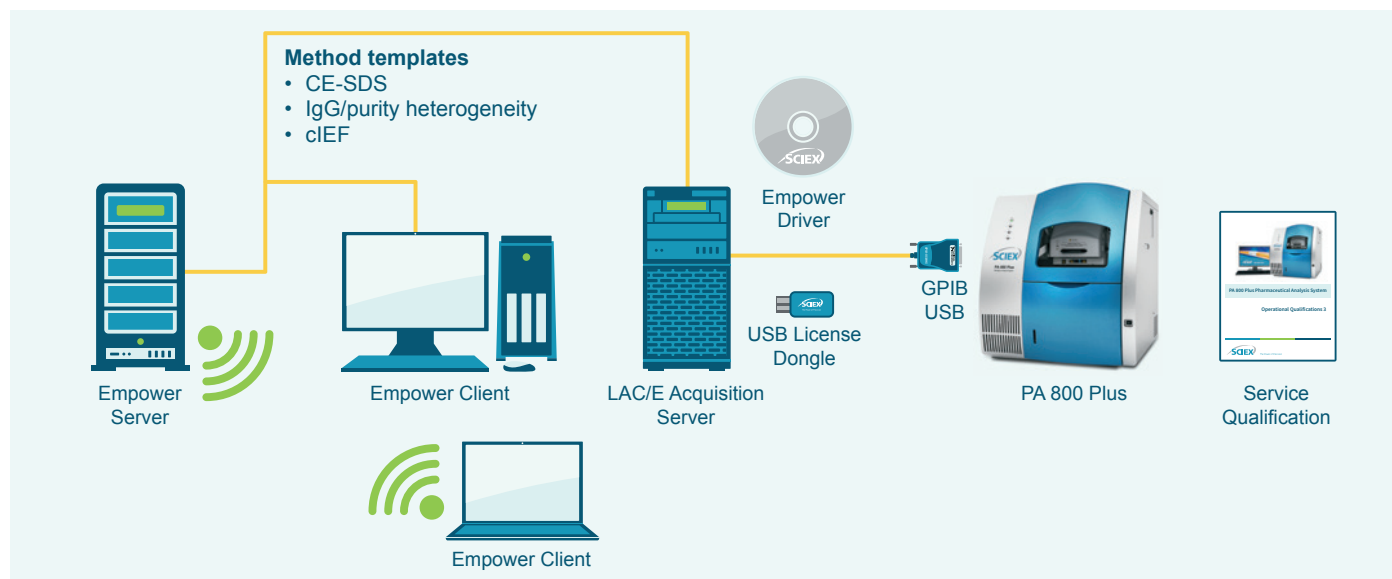
This new software driver expands on the capability and flexibility of the 1.2.1 driver by giving you chemistry-tested methods for CE-SDS and cIEF applications along with full system qualification. This expanded functionality increases the number of assays you can transfer to quality control, allowing for greater flexibility in the implementation of quality control methods, and simplifies method transfer, system validation and support.

### The SCIEX Empower Driver version 1.3 offers:

- Expanded CE direct control and data acquisition using Empower CDS
  - PDA, UV and LIF detectors
- Method flexibility
  - Normal and reverse injection status panel
  - Method conversion tools
  - Chemistry-tested CE method templates
- Data processing to include custom calculations
  - Velocity calculated area
  - Molecular weight estimate and standard curve
  - pI value estimate and standard curve
- Descriptive instrument error messages to simplify troubleshooting and error log for traceability
- SCIEX Operational Qualification and Calibration Verification



**Get started today!**  
**Ask your SCIEX representative  
for more information.**



## SCIEX Empower Driver v1.3 features

### Method editor

- Capability to select channel 1 or channel 2 or both LIF channels to acquire data with an LIF detector
- Support sample injections on a supported 96 position well plate
- Show a warning sign on potential tray collision when setting up for 48 and 96 sample trays
- Added "Inject Pressure Capillary Fill" event to the method editor
- Time program displays step number in first column when an instrument method is created
- Message is displayed when creating an instrument method that contains errors
- Added "Comment" column in time program
- Added selection of voltage direction (normal/reverse) in time program

### Message center

- Show all instrument error messages in the message center
- When UV filter locations are changed in the control panel, a message will display in message center
- Reduce the number of "Reconnecting" messages in the message center when the instrument is powered off

### Control panel

- Added capability to perform auto LIF calibration
- Added capability to display the D2 lamp spectrum for PDA in the status panel
- Added capability to reset the total number of hours for the D2 lamp

- Display the total number of hours for the LIF laser
- Added capability to display the lamp energy of the UV detector in the status panel
- Added capability to display service messages in the status panel
- Ability to disable all the buttons in the status panel when the instrument cover is opened
- Voltage settings in the control panel show the voltage direction (normal/reverse)
- Added +/- for normal/reverse in voltage polarity

### Sample setup and run

- Added capability to skip samples when pressure failure occurs due to missing vial
- Fixed auto vial increment in the sample set method only for continuous runs with the same method set
- Method set editor channel names reflect detector type
- Fixed "Abort and continue with next sample" functionality handled according to the Empower software

### Miscellaneous

- Updated to the latest National Instruments (NI) driver (19.0)
- Display the driver version and firmware version in Empower > View > System
- Increased the window size of the control panel to fit all the fields
- Changed the size to fit all event columns in the method editor
- Created an instrument type conversion tool to convert the old "BPACEMDQ" instrument method to "PA 800 Plus" instrument methods
- Added a EULA dialog to the PA 800 Plus Empower Driver

### Empower your PA 800 Plus today!

|                                                                       |             |                                                                                                 |
|-----------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------|
| <b>Instruments</b>                                                    | A66528EMP   | PA 800 Plus System including PDA, LIF, and UV Detectors, with the SCIEX Empower Driver Software |
|                                                                       | A66527EMP   | PA 800S Plus System including PDA Detector, with the SCIEX Empower Driver Software              |
| <b>Upgrade your existing PA 800 Plus or standalone CESI 8000 Plus</b> | P/N 5077476 | PA 800 Plus Empower Driver 1.3 Kit (includes CD and USB license dongle)                         |
| <b>Operational Calibration and Qualification</b>                      | P/N 5077707 | PA 800 Plus Empower OQ3                                                                         |
|                                                                       | P/N 5077709 | CESI 8000 Plus Empower OQ3                                                                      |



The Power of Precision

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