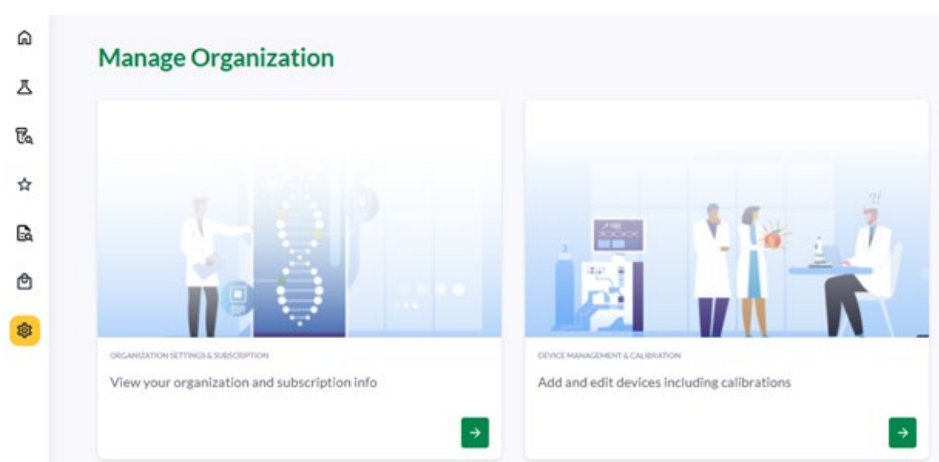


Calibrating your Instrument

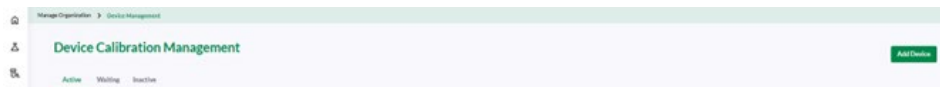
Set up your calibration
on the portal

Manage Organization

Check out the screenshot below and click on "Manage Organization," then select "Add and Edit Devices" to enhance your device and calibration management.



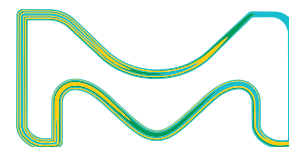
Calibration Status



In the screenshot, you'll see three calibration statuses: Active, Waiting, and Inactive. Click on "Add Device" to start managing your calibrations.

HOW TO ChemisTwin®

Episode 5: Calibrating your instrument



Device & Calibration Page

On the “Device & Calibration” page, enter your instrument's details into ChemisTwin®.

Manage Organization > Device Management > Add Device

Add Device & Calibrate

1 Upload Files

Upload six .jdx files to continue. Please find full calibration instructions [here](#). Please make sure that you upload the files covering the full range of receiver gain.

Drag and Drop or Upload your .jdx file to continue

2 Device Name

Type a name for your device. You can change this at anytime.

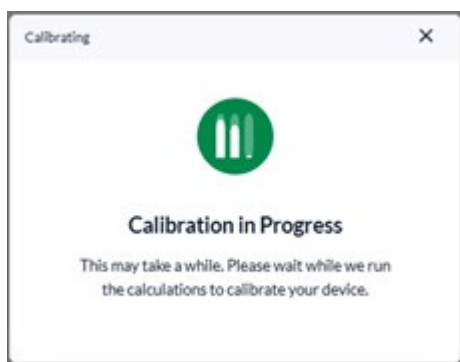
3 Calibration Name

Type a parameter name for you calibration. You can change this name anytime.

Start by uploading the spectra file from your instrument. For guidance on obtaining these files, refer to our “Calibration Guideline” document. Then, name your device and input the calibration parameters.

Calibration in Progress

A loading screen will indicate that your calibration is in progress. Sit tight while ChemisTwin® works its magic!



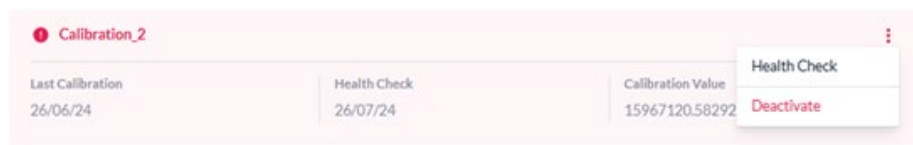
Calibration Completed

Once the calibration is complete, you'll see a success page along with a suggested health check date to keep your measurements in top shape.

✔ Calibration_4			⋮
Last Calibration	Health Check	Calibration Value	
08/01/25	08/02/25	15967120.582921	

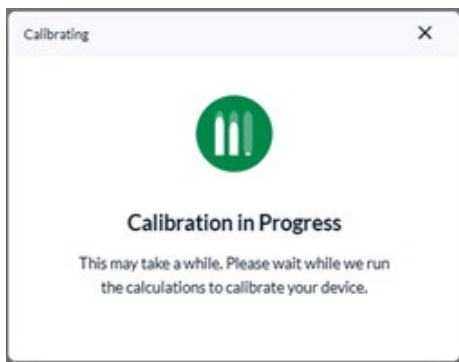
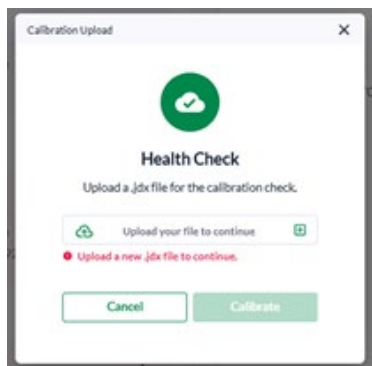
Health Check Required

If the calibration has expired and requires a health check, click on the three dots on the left and select the "Health Check" option to get started.



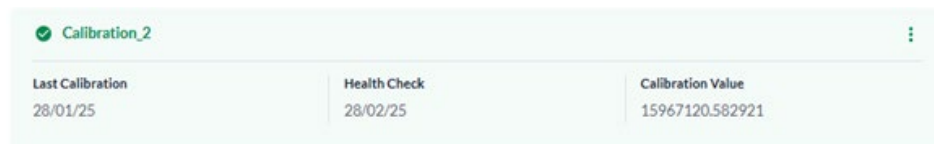
Your device calibration is overdue. Calibrate now to continue using this device.

Now, execute a measurement within the RG range of your calibration. Upload the spectra into ChemisTwin® and click "Calibrate" to proceed.



Calibration & Health Check Done

Great news! The health check is complete, and you're all set to proceed with your ChemisTwin® measurement.



Enjoying ChemisTwin®? We'd love to hear from you!
Drop in your thoughts and feedback at:
ChemisTwin@emdgroup.com

