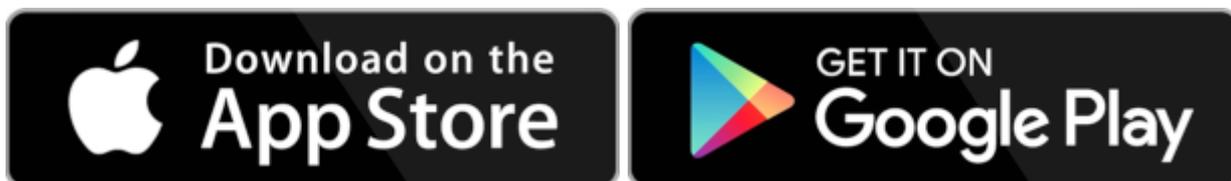


DWAIN-APP*

Mobile app download:

*DWAIN uses the *Physics Toolbox Accelerometer App* ^{1) 2)}



How to set, measure, record & access your data:

APP - QUICK START - watch 2 x 30 sec. videos



Video 1. Linear Accelerometer - **Important:** Set '*Sensor Collection Rate*' to 100 Hz.



Video 2. Linear Accelerometer - How to record, save & send to data@dwain.scidfx.com

5 STEP HOW-TO:

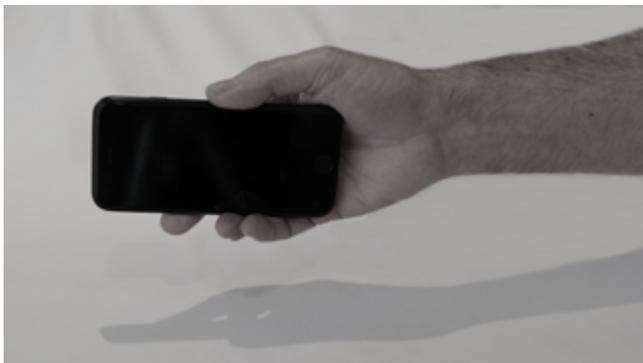
1. **DWAIN** [user registration](#) - Register to receive login details via email.

2. **CHECK** [login](#) to ensure your registration was successful

1. **INSTALL** the free *Physics Toolbox Accelerometer* app on your mobile device (see links above)
2. **SET** the app *Sensor Collection Rate* to 100 Hz (see *Video 1.* above)
3. **HOLD** using the *Linear Accelerometer* sensor*, hold your phone steady at arms-length
4. **START** recording, moving mouse steadily around spiral for 3 to 4 seconds and then **SAVE**
5. **SEND** the recording via mobile device email option to data@dwain.scidfx.com
6. **VIEW** and / or [download](#) your data.

You may choose any of the 'Kinematics' (*g-Force, Linear Accelerometer, Gyroscope, Inclinometer or Motion Visualizer*) sensor options. Enter the sensor name as the email *Subject*, and hold the mobile device in the same way each time you take a measurement with that particular sensor.

APP - USER GUIDE



- **Fig 1.** Simplest option: Holding the mobile device with unsupported arm out-stretched is the simplest way to measure.



- **Fig 2.** Preferred option: Seated with hand resting on knee and phone / tablet held as shown.

Whichever option you choose, try to be consistent and stick with one method only. Mixing different options means you will not get valid data to compare over time!

Use [Physics Toolbox Sensor](#), a free 3D accelerometer app. to measure tremor and send recorded .csv data via mobile device in-built email app.

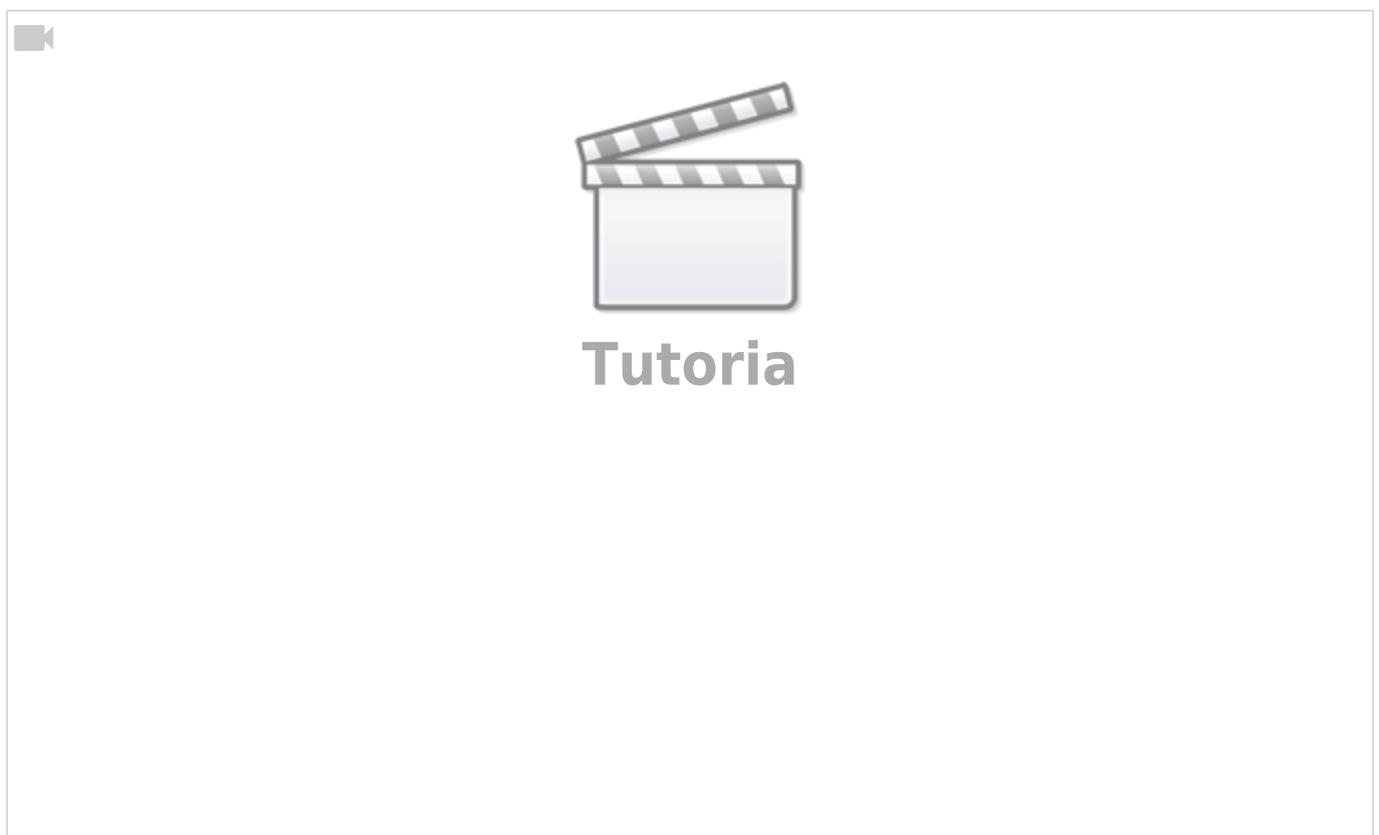
1. Sit upright in a firm chair
2. Hold your mobile device in your out-stretched, upright (with thumb at top) hand, resting lightly along your leg (see *Fig 2* above)

3. Fix / hold the accelerometer on that out-stretched hand (see image) (e.g. tape, rubber band or similar)
4. Find and select the *Linear Accelerometer* app. on your mobile device.
5. Pause for a moment & relax.
6. When ready, press the round, red plus (+) button to start recording (continuing to relax)
7. Wait 4 -5 seconds, then press (square dot) button to stop recording & save data
8. A pop-up window should then provide an option to email the recorded data as a .csv file
9. Send the 4-5 second recording (as a .csv file) to: <data_AT_dwain.scidfx.com>

Your data is stored automatically for you to [view & download](#) at any later time.

This helps identify trends and possible correlation with other factors such as tremor. You can easily download the BP data any time in .csv format for analysis and comparison with other data.

[APP - FULL VIDEO TUTORIAL \(5 min.\)](#)



Linear accelerometer - Full tutorial

PHYSICS TOOLBOX APP - 3D LINEAR ACCELEROMETER:

[DOWNLOAD / VIEW YOUR DATA HOME](#)

References:

1)

Physics Toolbox Accelerometer mobile app by *Vieyra Software*. The alternative *Physics Toolbox Sensor Suite* supports sensors not used by DWAIN

²⁾
Disclosure: *The DWAIN developers have no relationship with [Vieyra Software](#), or its developers.*

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Permanent link:

https://dwain.scidfx.com/public/dwain-app_how-to

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