

SFT

User Manual



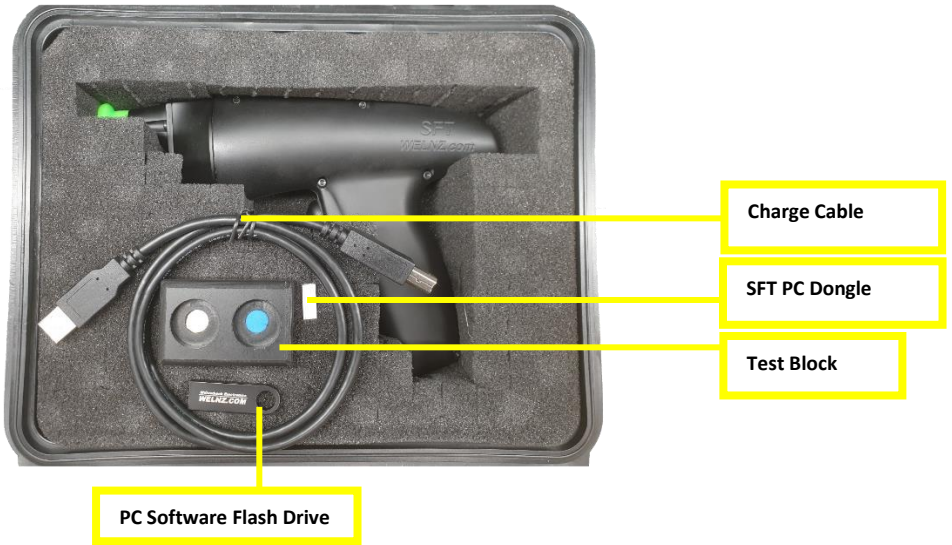
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Release History

Version	Description
1.5	Improved PC installation instructions.
1.4	Added Add License Key
1.3	Added WEL Connect Hotkey.
1.2	Added cleaning procedure. Added new LED states.
1.1	Converted to booklet
1.0	First Release

Case Contents



LED States

LED State	Meaning
Green (single flash)	Valid test result.
Pink (single flash)	Below minimum g-force threshold.
Yellow (single flash)	Above maximum g-force threshold.
Red (single flash)	Invalid test result.
Blue (breathing)	Waiting to be connected to.
Blue (blinking)	Connected to device.
Red (solid)	Charging.

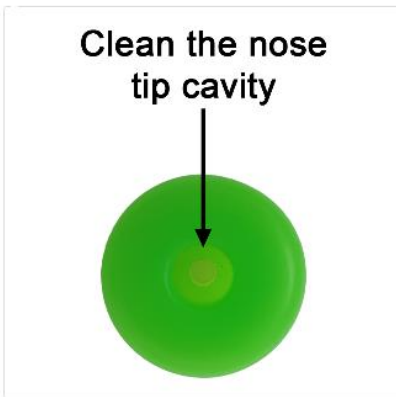
Operation

1. Place the SFT perpendicular to the fruit.
2. Press the trigger on the SFT.
 - A beep and a green light indicates a valid measurement.
 - Haptic feedback and a Red light indicates an invalid measurement.
3. Regularly clean the SFT tip

Cleaning Procedure

Clean the inside of the tip and probe regularly to prevent debris entering the gun mechanism.

1. Remove the nose tip and probe. Then clean both.



2. Re-install the tip. Then re-install the probe.
3. Fire the SFT twice to ensure the probe is seated correctly.

Warnings

- Avoid triggering the SFT while pointing it upwards, as debris may be dragged into the mechanism.
- If the probe falls out. Reinsert the probe and fire the gun at least twice.

Android Software


Play Store Link



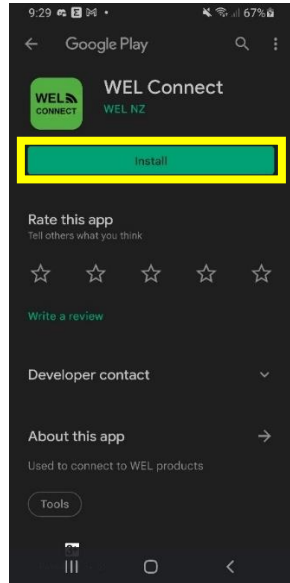
<https://play.google.com/store/apps/details?id=com.welnz.connect>

Note a license is required to use the SFT with WEL Connect.

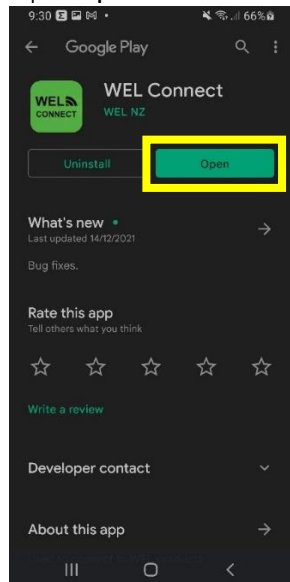
Installation

1. Search for “WEL Connect” in the Play Store  or scan the QR code above.

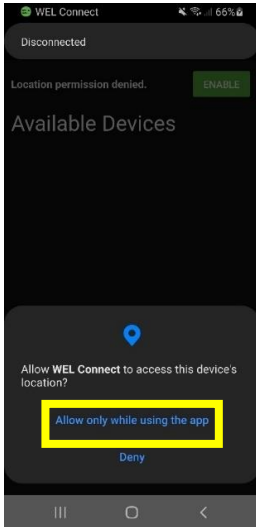
2. Tap on “Install”



3. Tap on “Open”

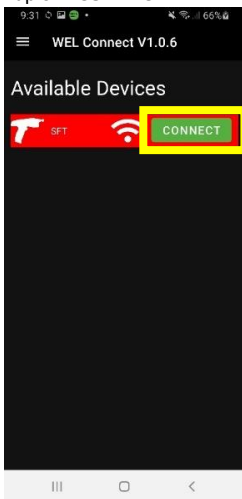


4. Allow access to location. (This is required to connect to devices.)

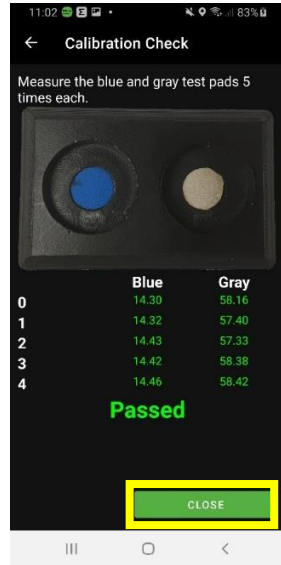


5. Press the trigger on the SFT gun to turn it on. Note: The SFT will be highlighted in red after the trigger has been pressed.

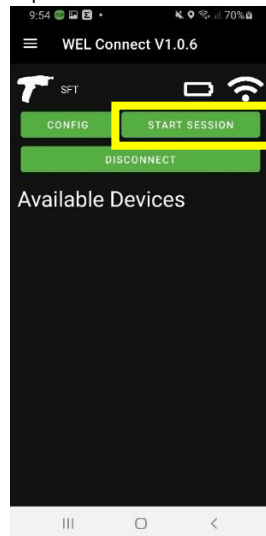
6. Tap on "CONNECT"



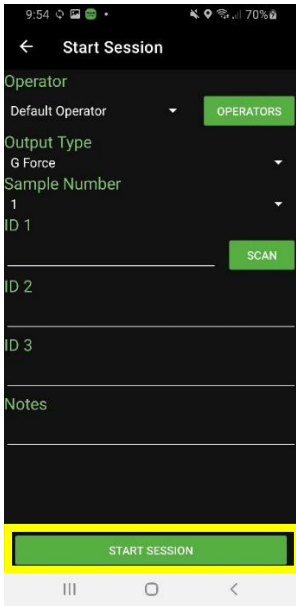
7. Complete calibration check, then tap on "CLOSE".



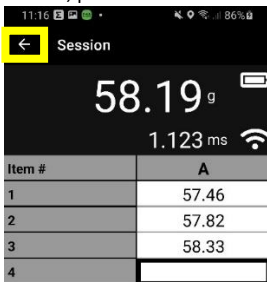
8. Tap on "START SESSION".




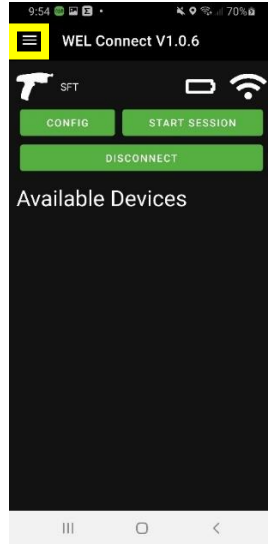
- Fill out fields as required, then tap on **"START SESSION"**.



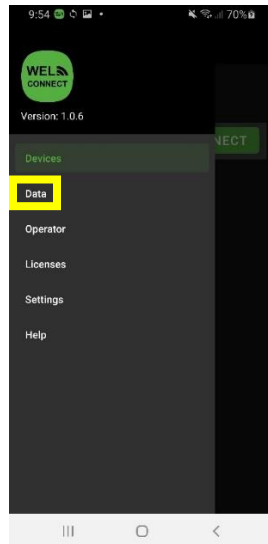
- Record measurements. To end the session, press "back button."



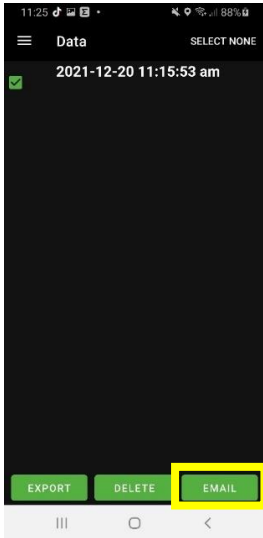
- Once your data session is completed, tap the  icon or slide your finger from the left side of the screen to the right side to bring up the MENU.



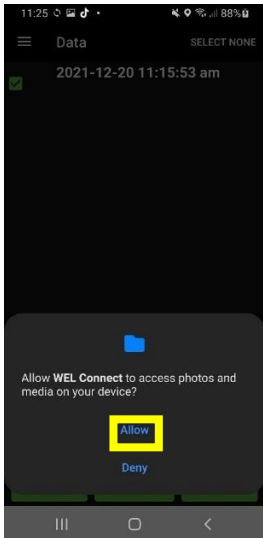
- Select **"Data"**.



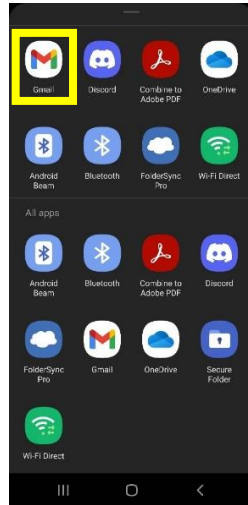
- 13. Select the data you want to email off. Then tap on **"EMAIL"**. Note: Tap on the recorded data to resume.



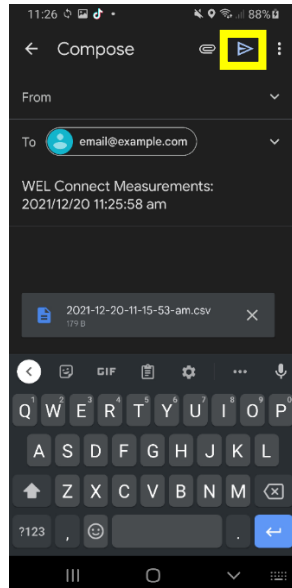
- 14. Allow access to photos and media. This is required to generate the email attachments.



- 15. Select your email client.

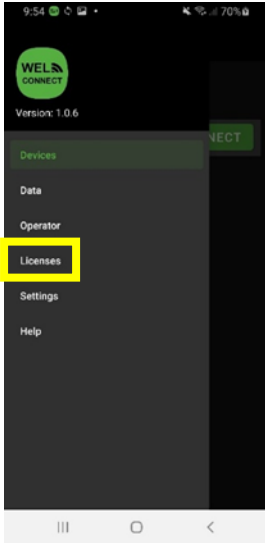


- 16. If using Gmail tap the "paper plane" Button to send the data file.

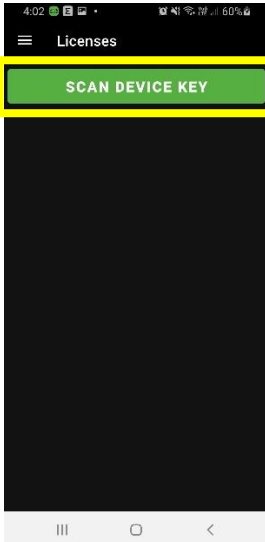


Add License Key

1. Tap on **“Licenses”**.



2. Tap on **“SCAN DEVICE KEY”**



3. Scan the QR code in the SFT rugged case.



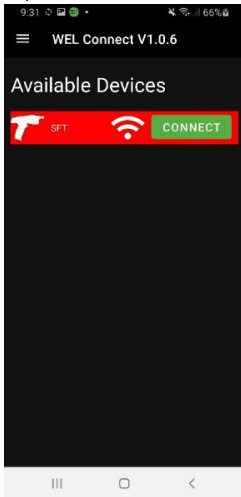
Change Minimum and Maximum Limits

On the SFT you can set minimum and maximum limits for a valid measurement.

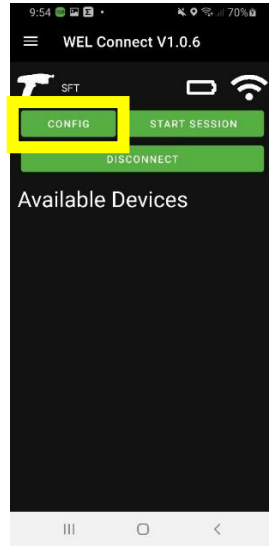
If the measurement is below the minimum value. The SFT will flash pink.

If the measurement is above the maximum value the SFT will flash yellow.

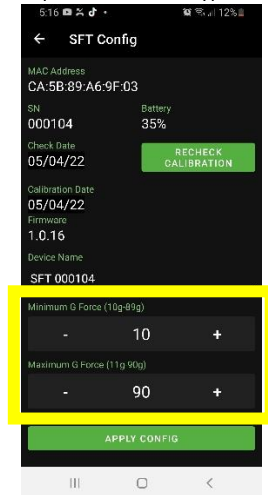
1. Tap on **“CONNECT”**



2. Tap on **“CONFIG”**



3. To edit the minimum and maximum limits to what you want.
Tap on the **“+”** to increment the value.
Tap on the **“-”** to decrement the value.
Tap on the value to type the value in.



4. Tap on **“APPLY CONFIG”** to save the limits to the SFT.



PC Software

Requirements

The SFT dongle is required to use the SFT with WEL Connect for PC.

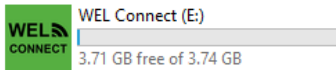


Installation

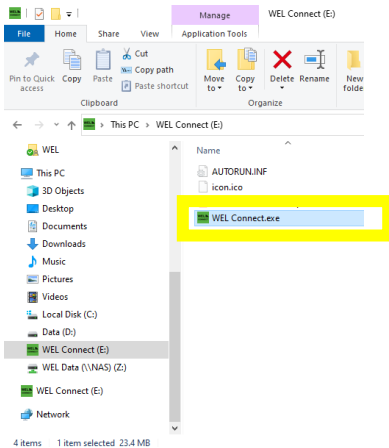
1. Insert the flash drive included into your computer.



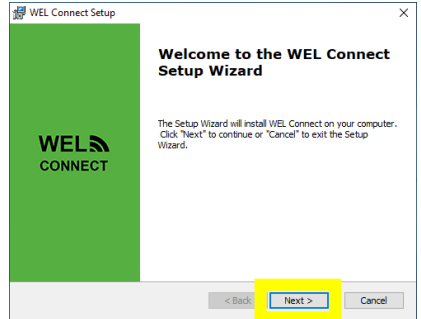
2. Open the flash drive.



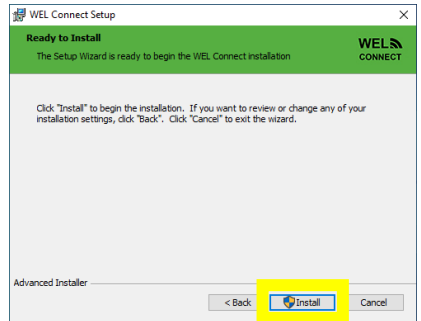
3. Double click on "WEL Connect.exe".



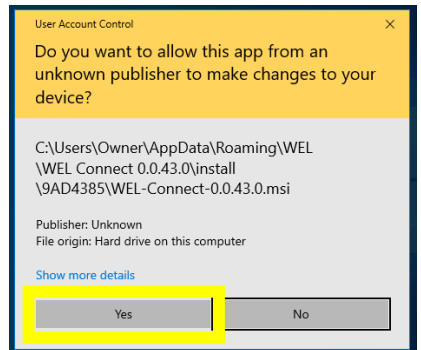
4. Click "Next"



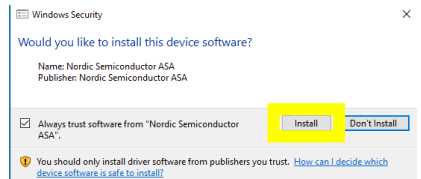
5. Click "Install"



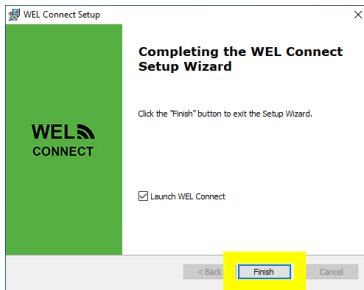
6. Click "Yes"



7. Click "Install"



- Click "Finish"



- Insert the "SFT Dongle" into your computer.



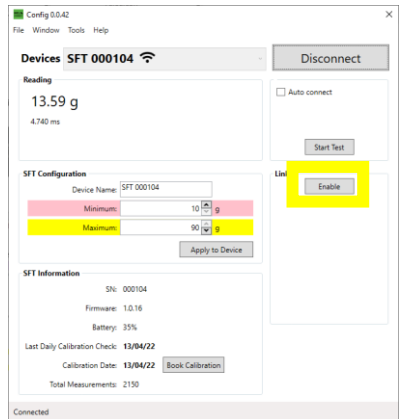
- Open the "WEL Connect" Software on your desktop.



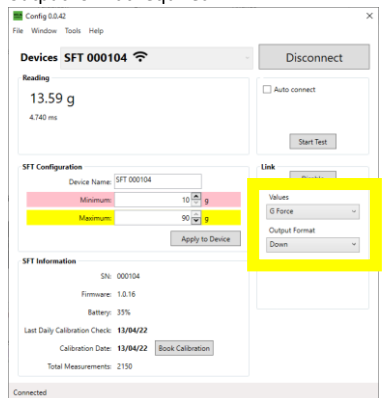
- Press the trigger on the SFT to wake it up.
- Select the "SFT" from the drop down and then click "Connect"



- Click "Enable".



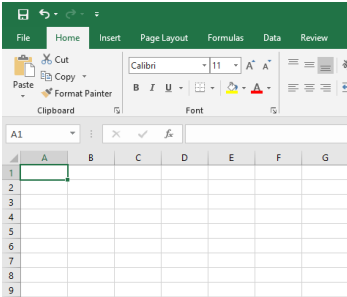
- Select values to type into Excel and output format required.



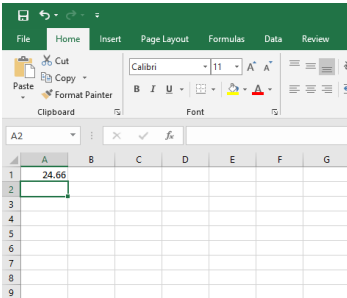
- Open "Excel"



- Click the cell that you want to insert the first measurement into.



- Press the trigger on the SFT. The measurement will be inserted into Excel in the nominated cell.



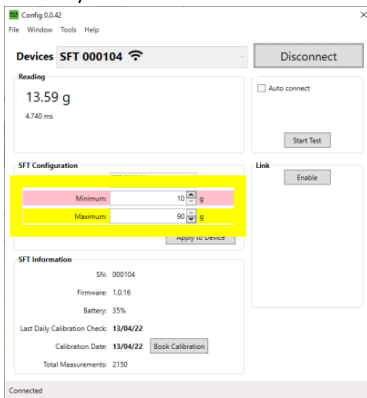
Change Minimum and Maximum Limits

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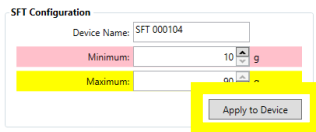
If the measurement is below the minimum value. The SFT will flash pink.

If the measurement is above the maximum value the SFT will flash yellow.

1. Edit the minimum and maximum limits to what you want.



2. Click **“Apply to Device”** to save the limits to the SFT.



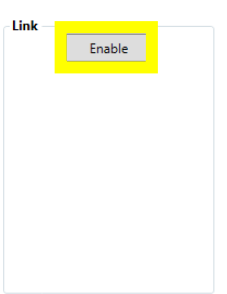
Fire SFT via a Hotkey

You can use the WEL Connect software to remotely fire the SFT and collect data into Excel.

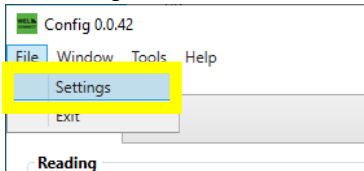
1. Select the “SFT” from the dropdown and then click “Connect”.



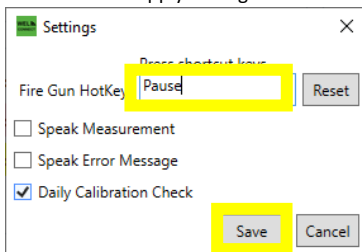
2. Click “Enable”



3. Click “Settings” in the “File” menu.



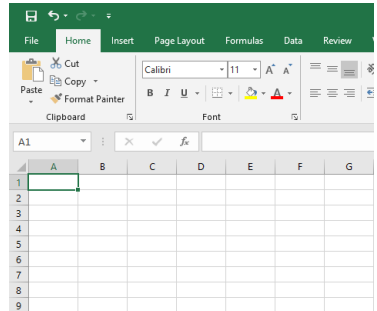
4. To change the Hotkey click into the textbox. Then press a key combination.
5. Click “Save” to apply settings.



6. Open “Excel”



7. Click the cell that you want to insert the first measurement into.



8. Press the Hotkey then the SFT will fire. The measurement will then be inserted into Excel.

Specifications

USB	USB 2.0 Type B
Battery	3500mAh lithium-ion
Battery Life	10000 Tests
Gun Weight	370g
Box Weight	1847g
Supported Operating Systems	Android 7.0 and above. Windows 10 and 11.

Warranty Statement and Terms and Conditions of Sale

Willowbank Electronics warrants this product against manufacturing, electronic and electrical defect for a period of 12 months.

Any warranty claim is on a “return to base” basis, freight paid by the customer.

Any accepted claim will be repaired/replaced at the discretion of Willowbank Electronics Ltd or its authorized agent, providing that the equipment is being used in the manner for which it was intended.

Willowbank Electronics Ltd accepts no direct or consequential liability for any damage or losses arising from the use of this instrument.

In the event of any proven loss, liability shall not exceed the purchase value or upgrade value of the device.

This unit is sold under the terms and conditions of New Zealand Law.

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Website: welnz.com

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