



SprintRay Wash GUI

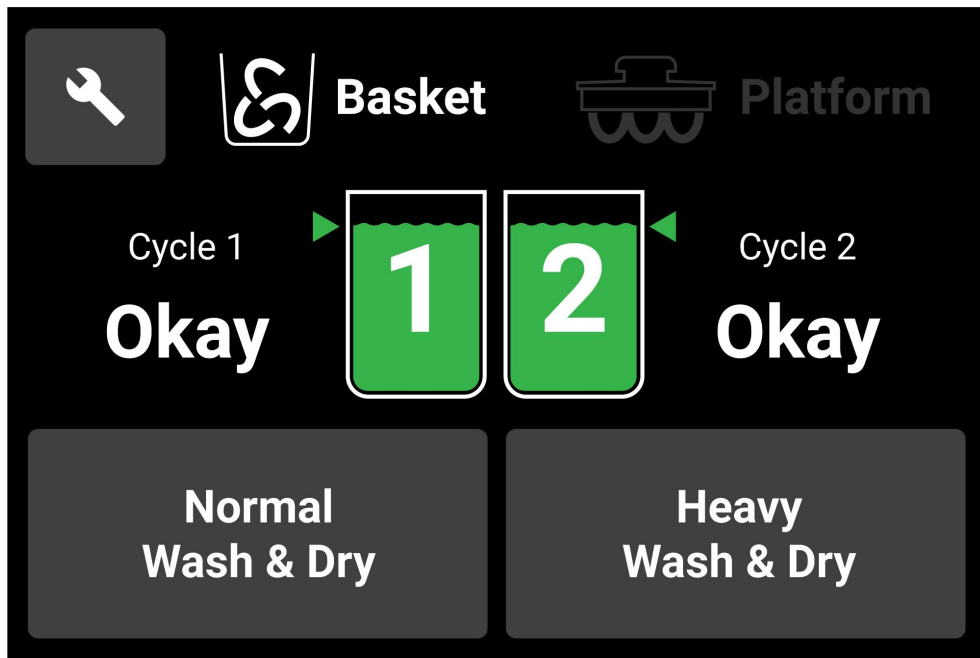
Prepared by Hossein Bassir - revision 3 - 04/14/20

Home Screen

By default, if there is no platform and the lid is closed, basket light will be on.

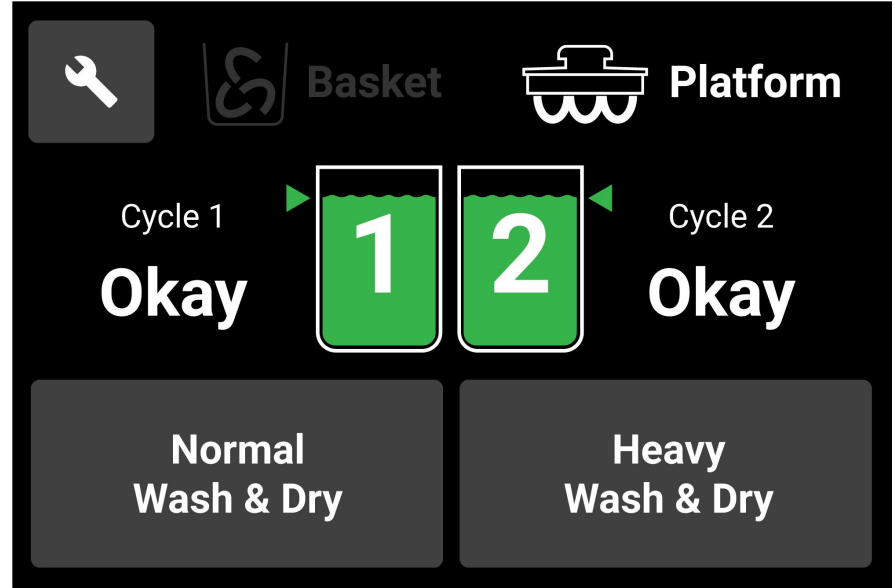
Liquid levels are based on 2 leads in each liquid chamber detecting if there is minimum liquid available to wash.

There are 2 wash settings. Both options will perform dry at the end.



Platform Wash

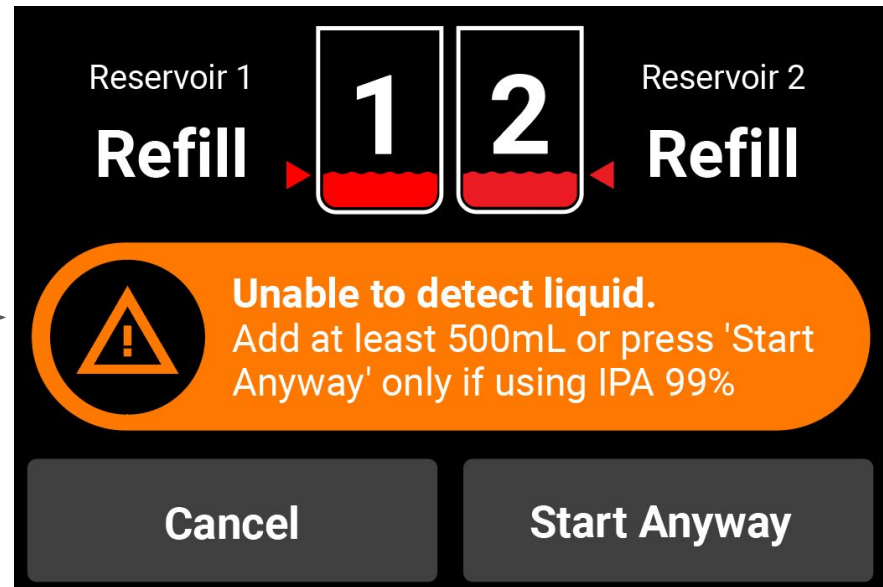
When platform is detected, the home screen will indicate that that there is platform.



NEW

Not Enough Liquid in chambers or fresh IPA 99%

If there is not enough liquid in any of the chambers or if either chambers are filled with IPA99%, then the screen will allow to wash but will show a warning message before it starts. (warning message is new)

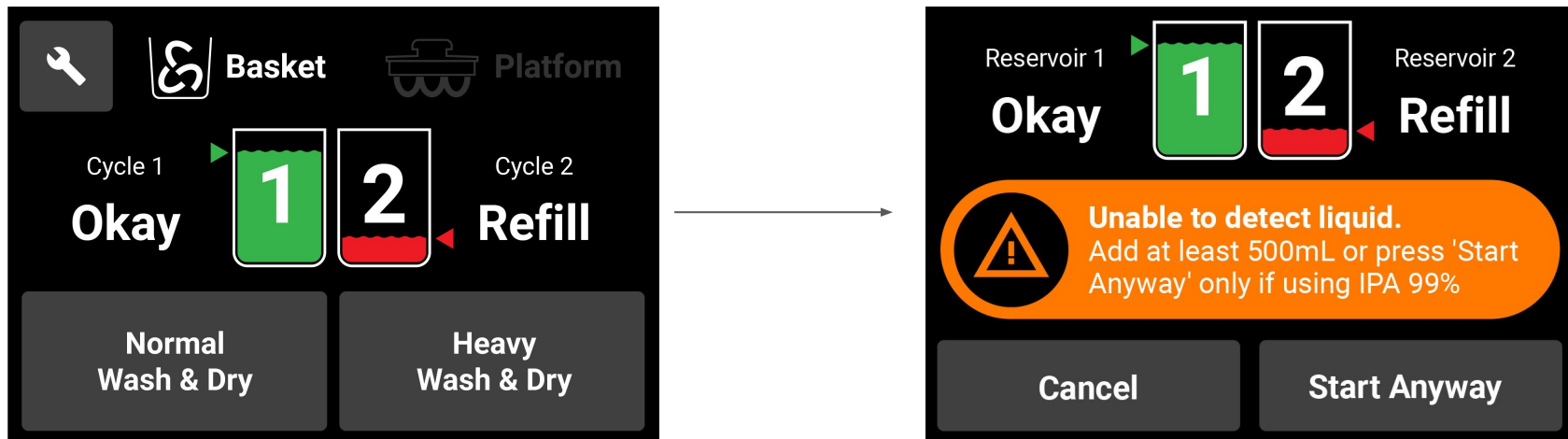


NEW

Washing with single chamber or fresh IPA 99%

When there is not enough liquid in any of the reservoirs, that particular reservoir will be indicated with RED color and “Refill” icon. Furthermore, when we can't detect fresh IPA 99%, we let user wash first round and that should add enough resin to the IPA 99% so it will be detected next time. We repeat this until IPA 99% is saturated enough to be detected and then this message will automatically go away.

This however does not stop the system from washing.

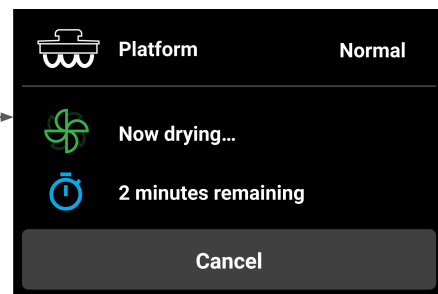
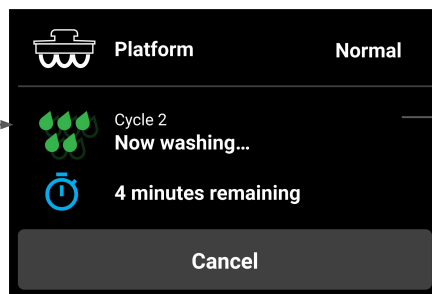
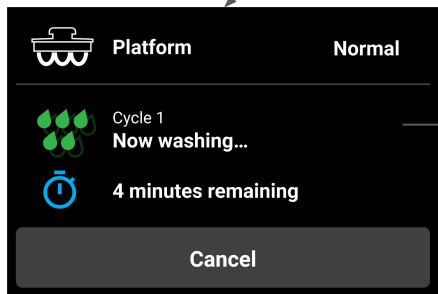
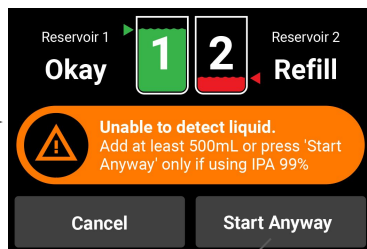
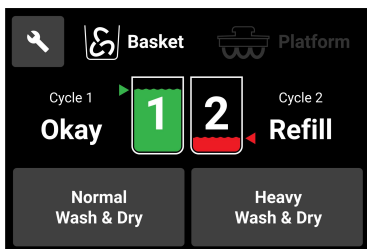


NEW

Washing with undetected liquid or fresh IPA 99% in one chamber

Regardless of one chamber being empty or using fresh IPA 99%, always run both cycle 1 and cycle 2 and dry cycle. This way we make sure if IPA 99% is being used we can expose it to resin so it will be detected next time.

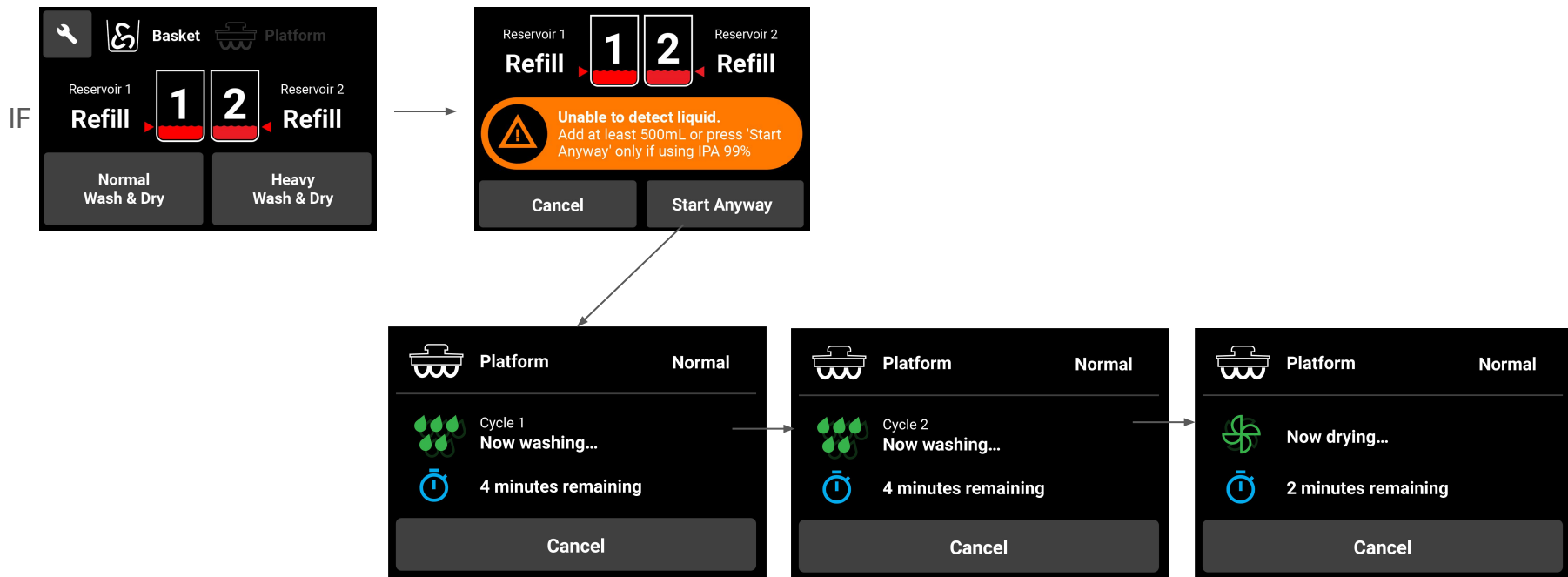
IF



NEW

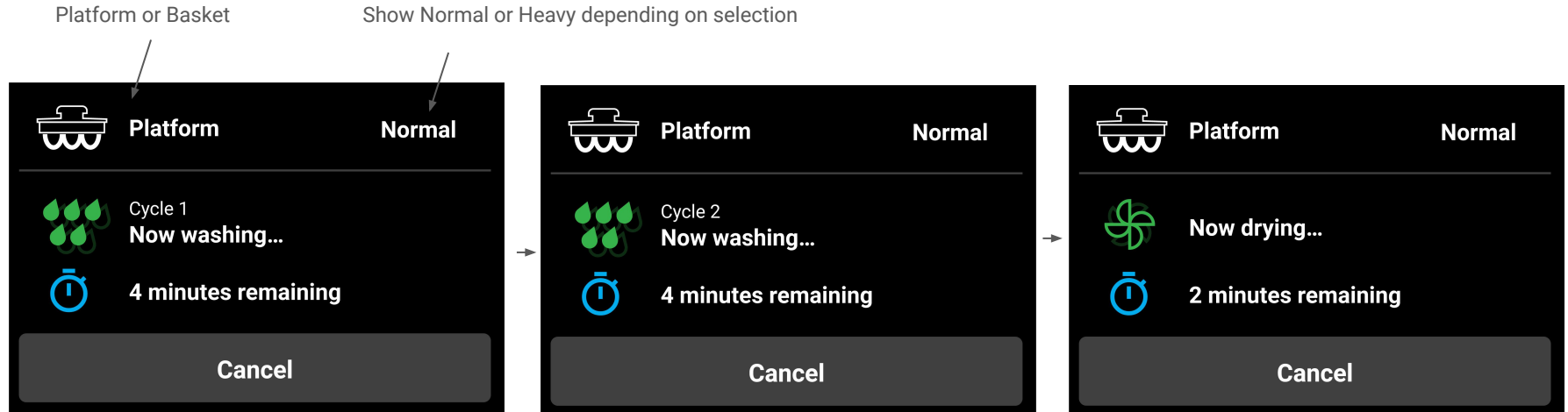
Washing with undetected liquid or fresh IPA 99% in both chambers

Regardless of both chambers being empty or using fresh IPA 99%, always run both cycle 1 and cycle 2 and dry cycle. This way we make sure if IPA 99% is being used we can expose it to resin so it will be detected next time.



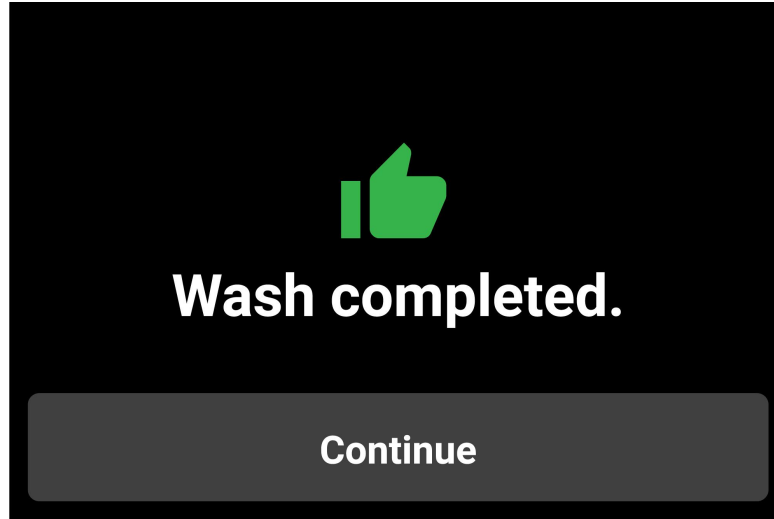
Washing with enough liquid in both chambers

The display will show the wash settings on top and wash process on the bottom including the wash or dry stage and timer.



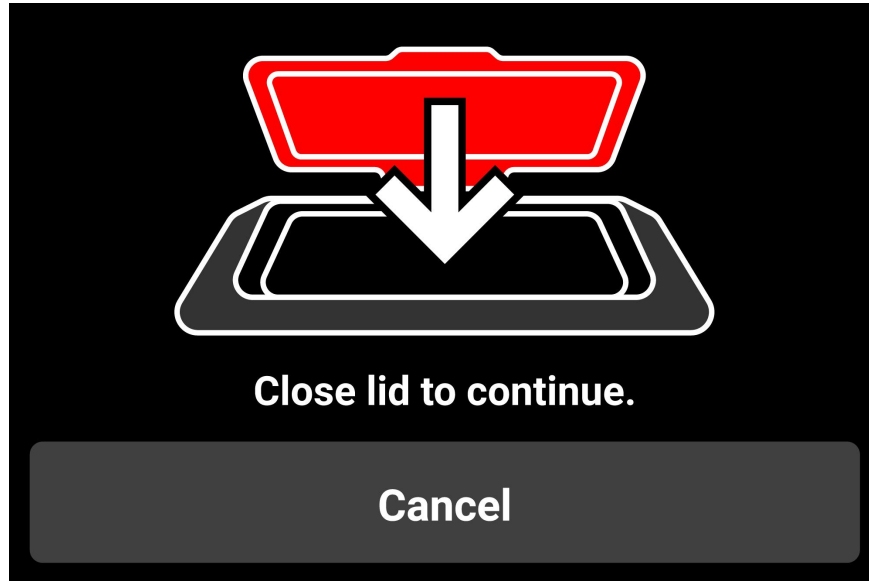
After wash is completed

After wash is completed this message will show up.



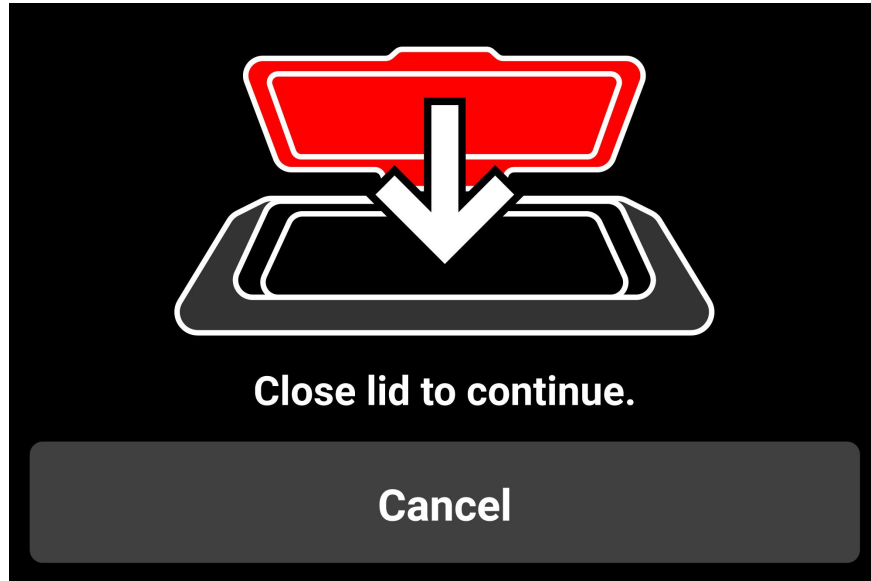
Start wash with basket

If user tries to wash with basket but forgets to close the lid then this message will be shown before wash with basket starts.



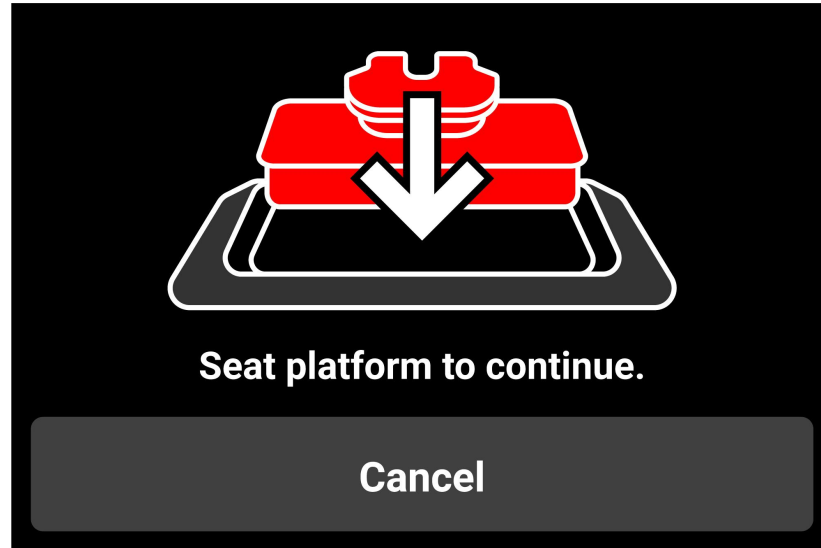
Open lid during wash with basket

If user tries to open the lid while wash with basket is happening, the system immediately stops and shows this message.



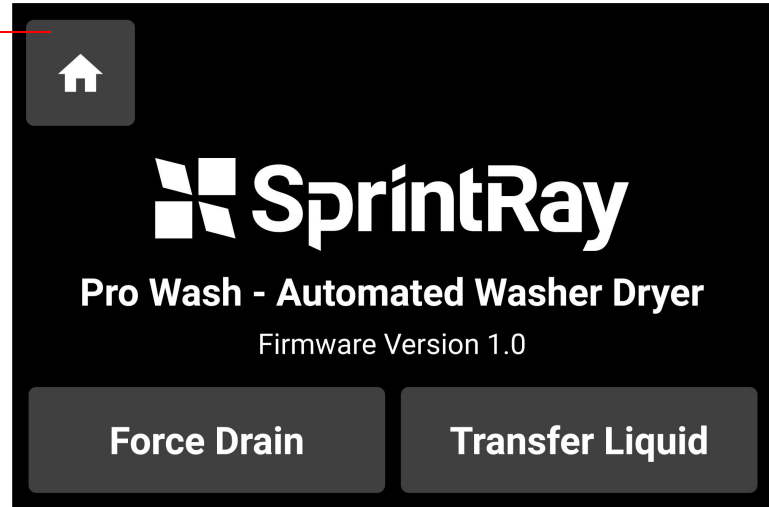
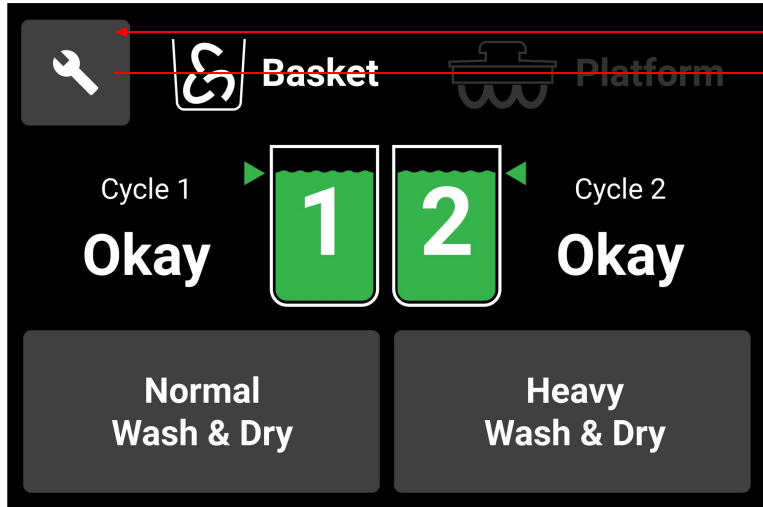
Removing platform during wash with platform

If user tries to remove platform while wash with platform is happening, the system immediately shuts down and this message will be shown.



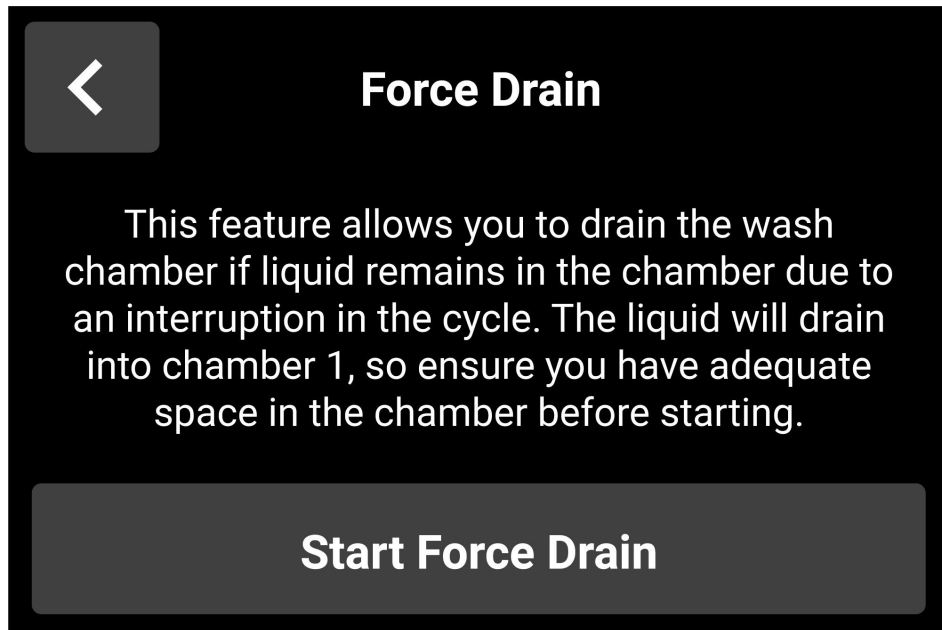
Settings Menu

The wrench icon will take user to settings menu where we see logo, firmware version, and options to do force drain and transfer liquid. Home icon will take user back to home screen.



Force Drain

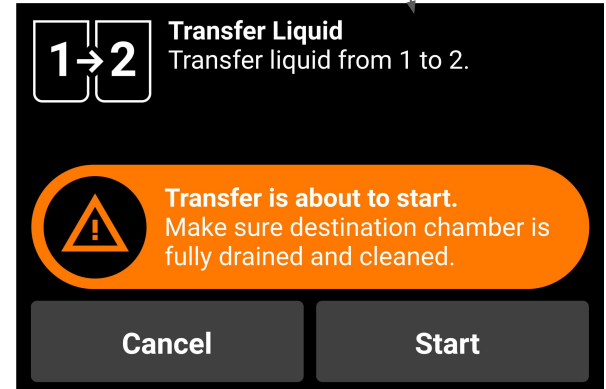
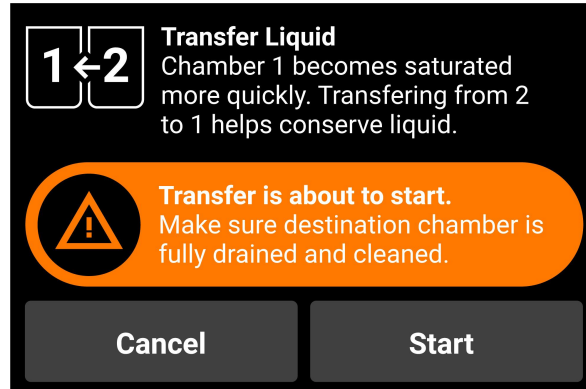
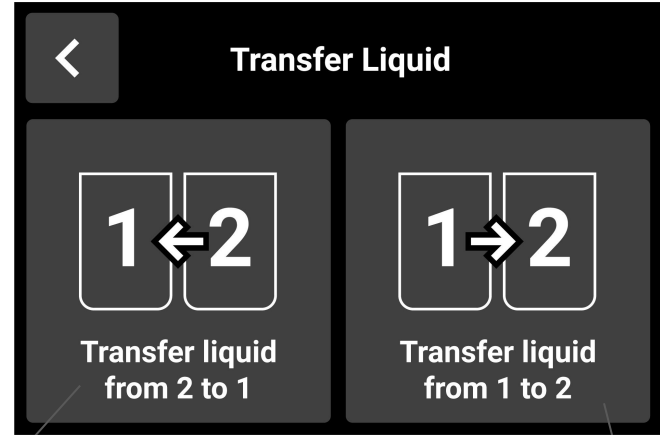
Force drain allows user to manually drain the wash chamber if by mistake they added liquid to the wash chamber instead of liquid chambers, OR in the case of power loss, there may be some liquid left in the wash chamber. Using this feature, you can always initiate drain process to ensure no liquid is left in wash chamber.



Transfer Liquid

Transfer liquid allows for liquid to be transferred from one chamber to another. The two options have different text explanation.

This saves time for user not having to drain from one chamber to pour back into another chamber manually.



Warning: In order to avoid hydration or dirty sewage splashing out during normal use, it is strictly forbidden to open the cover during the work project, and it is strictly forbidden to put hands or other hard objects in.
Please keep a distance of 20cm when using

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF exposure compliance statement:

This device has been evaluated to meet the general RF exposure requirement