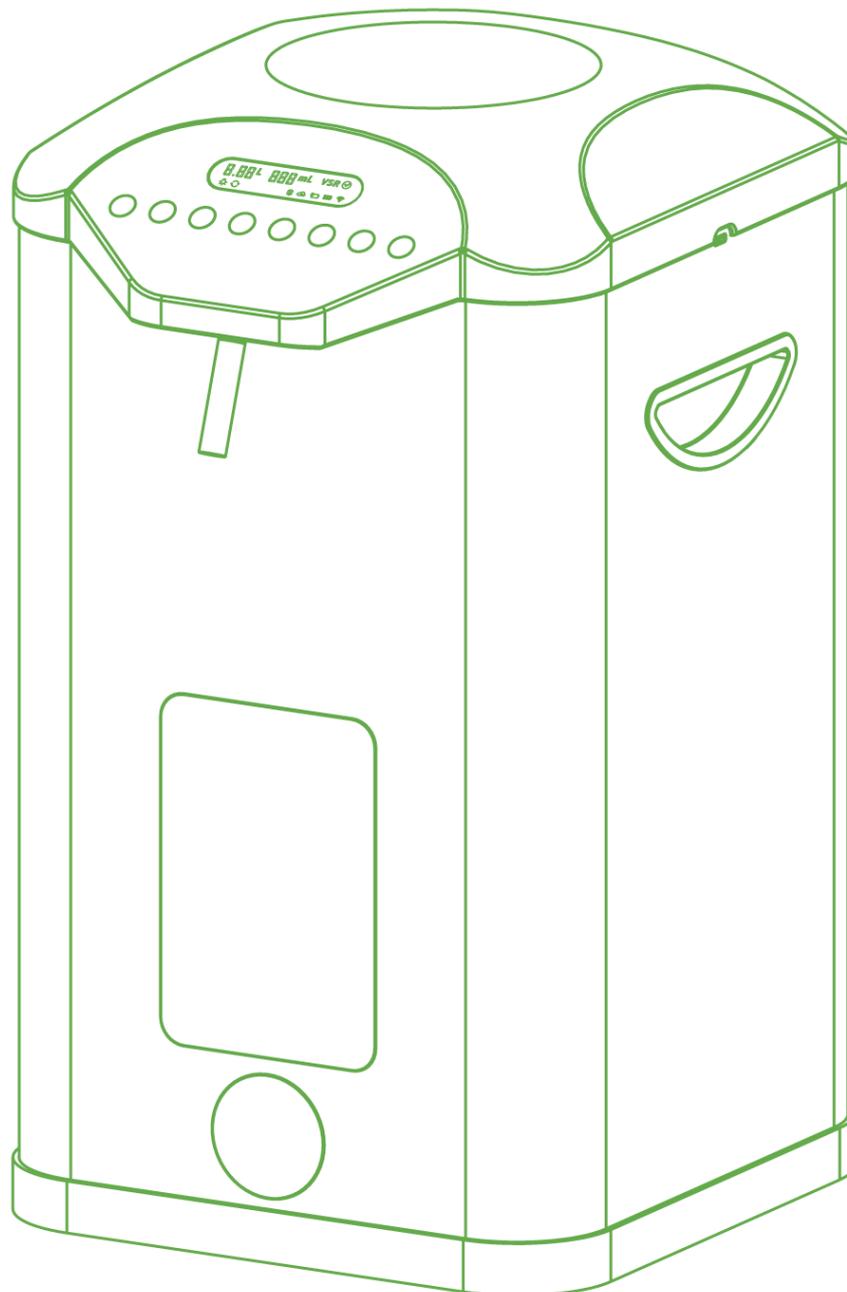


ecospirits™

SmartPour 2.0S

Operating Guide



SmartPour 2.0S Operating Guide REV 00

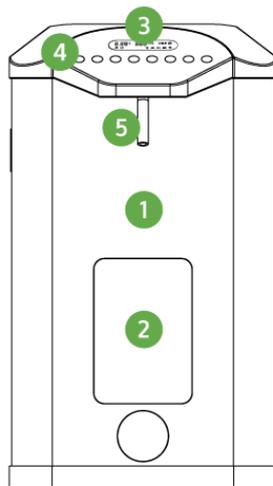
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1. SmartPour Introduction

Your SmartPour 2.0S is a second-generation, intelligent spirits management system that pairs with the award-winning ecoTOTE™ and makes sustainable reuse of branded spirits bottles possible for the first time. Wi-Fi-enabled and powered by our cloud-based CircularONE™ and Verified Sustainable Refill™ (VSR) technologies, each SmartPour 2.0S offers hygienic transfers of spirits to glass bottles, cocktail shakers and serving vessels.

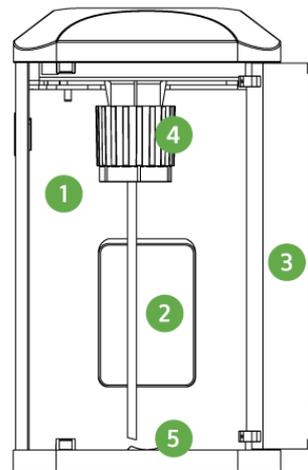
This purpose of this Operating Guide is to provide you with the necessary steps and instructions to operate your SmartPour 2.0S safely and sanitarly.

This Operating Guide covers the key steps involved in registering, cleaning, and using of the SmartPour 2.0S.



FRONT

1. MAIN BODY
2. BRAND PLATE WINDOW
3. DISPLAY SCREEN
4. USER KEYPAD
5. DISPENSE NOZZLE

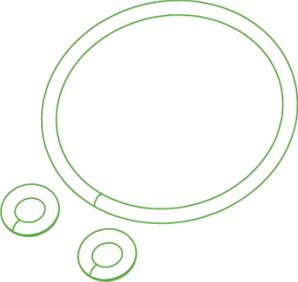
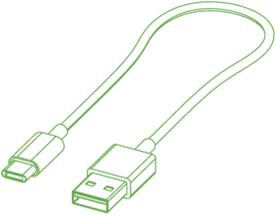


BACK

1. MAIN BODY
2. BRAND PLATE WINDOW
3. REAR DOOR
4. ECOTOTE CONNECTOR
5. ECOTOTE CAP HOLDER

2. SmartPour Accessories

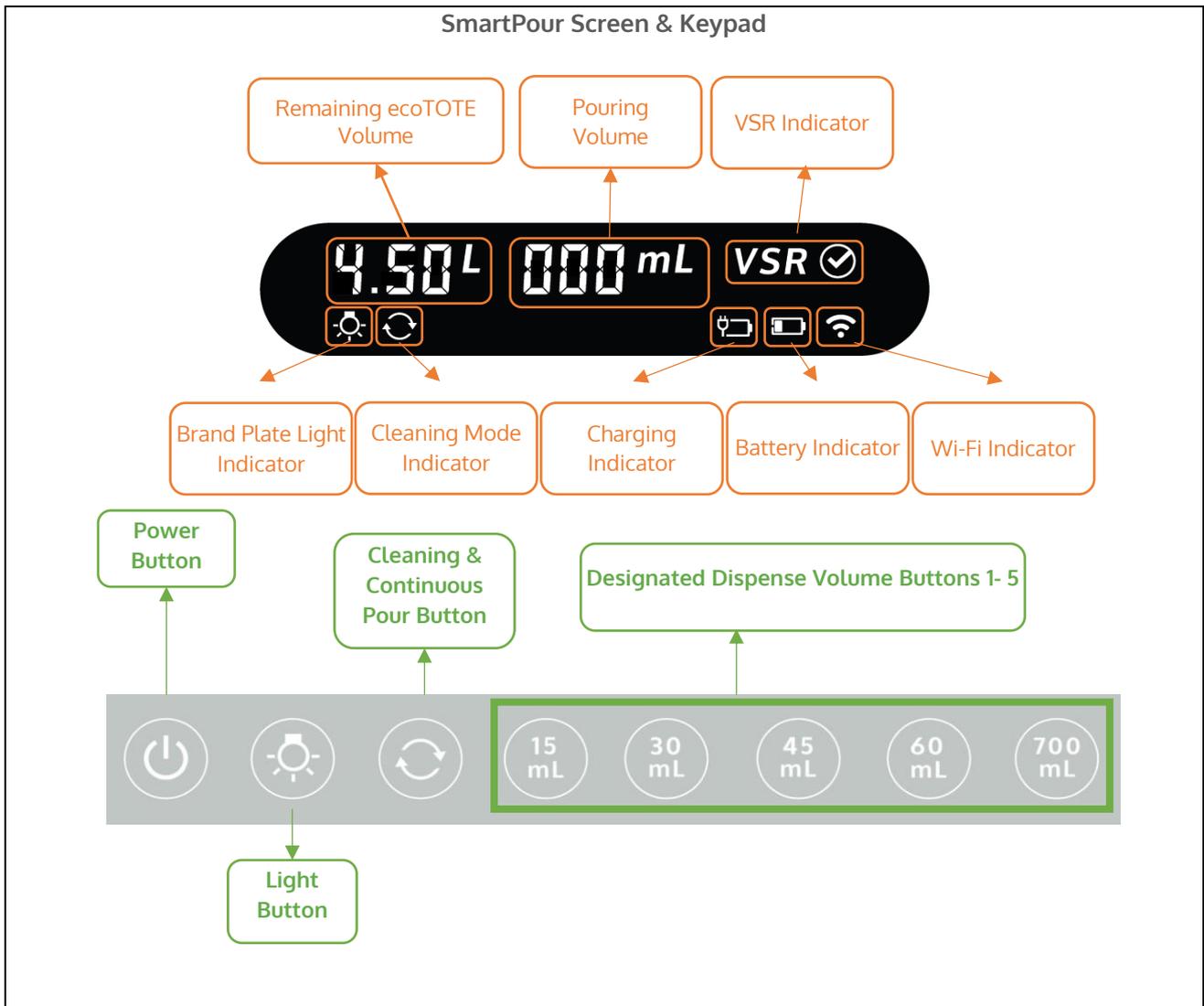
Please ensure that the following items are included in with your SmartPour 2.0S. Please store your unit and its accessories in a clean, dry and accessible location between uses.

 <p>1 x SmartPour 2.0S</p>	 <p>1 x Silicone Inlet Hose</p>
 <p>1 x Stainless Steel Inlet Tube</p>	 <p>1 x Spare Gaskets Set</p>
 <p>1 x USB-C Charging Cable</p>	  <p>ecospIRITS Mobile Application * available soon</p>

3. SmartPour Display Screen & Keypad

Your SmartPour 2.0S features a back-lit LCD Display Screen and a touch-sensitive User Keypad to allow the

user to conveniently operate all key functions.



Important Note

The SmartPour 2.0S is available in three regional versions (Americas, EMEA and Asia Pacific) with preset volumes for each region. Designated dispense volume buttons will vary for each region. The APAC region keypad is shown here.

4. SmartPour Specifications & Features

Your SmartPour 2.0S has the following specifications:

Dimensions: 295mm x 250mm x 435mm

Weight: 3.3kg

Rated Voltage: 7.4V

Rated Power: 8W

Battery Capacity: 8000mAH

Dispense Accuracy: Within $\pm 2\%$

CE-EMC & RoHS Certified

Your SmartPour 2.0S has the following intelligent technology features:

ecoTOTE™ 3.0S Verification Enabled

Wi-Fi Enabled

CircularONE™ Enabled

Verified Sustainable Refill™ Enabled

5. Registering Your SmartPour

Prior to using your SmartPour 2.0S for the first time, you must register your unit with ecoSPIRITS' CircularONE software in order to access the intelligent technology features. These next steps require the use of the ecoSPIRITS Mobile Application. The application is available soon on Google Play.

Ensure that the SmartPour 2.0S is fully charged before the registration steps. To charge, plug your SmartPour 2.0S into wall power using the USB-C Charging Cable provided.

Note: Ensure that a 2.4 GHz Wi-Fi Network is available before proceeding with the next steps.

Step 1 - If your SmartPour 2.0S is already powered on, turn off the device.

Step 2 - With the charging cable disconnected, press and hold the  on the User Keypad for 5 seconds until a beep is heard. This places your SmartPour 2.0S into Hotspot pairing mode.

Step 3 - Connect your mobile phone to your SmartPour 2.0S Hotspot:

Enter your phone's WiFi/WLAN settings

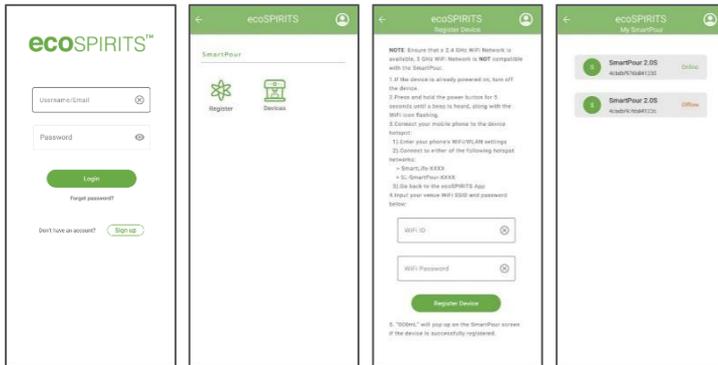
Connect to either of the following hotspot networks:

- SmartLife-XXXX
- SL-SmartPour-XXXX

Go back to the ecoSPIRITS App

Step 4 - Input your WiFi SSID and password into the fields on the ecoSPIRITS Mobile Application

Step 5 - Click "Register Device"



When you have successfully connected to WiFi, the  will illuminate solid.

Note: If the registration process fails, repeat the whole registration process again from Step 1.

6. Cleaning Your SmartPour

Your SmartPour 2.0S should be cleaned before using it for the first time and then each time you switch between spirits or after any extended period of non-use. To clean your SmartPour 2.0S, follow these steps.

Step 1 - Inlet Tube or Hose Cleaning

Open the back door of your SmartPour 2.0S. Unscrew the Stainless-Steel Inlet Tube or Silicone Inlet Hose, as appropriate. Wash the tube or hose inside and out in clean, running water. Shake off excess water before re-connecting the tube or hose to your SmartPour 2.0S.

Step 2 - Cleaning Container Loading

Fill an empty clean container with at least two litres of clean hot water (40-60°C). Lower your SmartPour 2.0S over the filled cleaning container, visually ensuring the inlet tube or hose is properly submerged under the water line. You can use the Brand Plate Window for this purpose. Finally, open the back door of the main body to reposition the filled cleaning container if required. Close the back door.

Step 3 - Cleaning Cycle

Place an empty container under the Dispense Nozzle.

Power on your SmartPour 2.0S by pressing  on the User Keypad. Press and hold the  for five seconds. The continuous flow dispense will commence automatically. Allow the flow to continue until the ecoTOTE is completely empty.

Press  to stop the dispense. Your SmartPour 2.0S has now been cleaned and is ready for use.

7. Using Your SmartPour

To use your SmartPour 2.0S, follow these steps.

Step 1 - SmartPour Power On

Power on your SmartPour 2.0S by pressing  on the User Keypad. Check your unit is fully charged. Ensure the Stainless-Steel Inlet Tube or Silicone Inlet Hose is properly connected. Inspect your SmartPour 2.0S to ensure it is clean and ready for use.

Step 2 - ecoTOTE Loading

Ensure the ecoTOTE you wish to dispense is filled, sealed and undamaged. Cut the ecoTOTE tamper evident seal using scissors. Unscrew the ecoTOTE cap and place in the ecoTOTE Cap Holder inside the Back Door of the Main Body. Lower your SmartPour 2.0S over the ecoTOTE, visually ensuring the Inlet Tube or Hose is properly inserted into the ecoTOTE glass vessel. You can use the Brand Plate Window for this purpose.

Finally, open the back door and turn the ecoTOTE Connector clockwise to ensure a secure connection. Close the back door.

Step 3 - SmartPour Priming

Your SmartPour 2.0S will emit an audible tone confirming successful loading of the ecoTOTE. The volume remaining will be displayed on the Display Screen. Place an empty spirit bottle under the Dispense Nozzle.

Touch and hold  on the User Keypad to prime your SmartPour 2.0S with spirit. Discard any liquid that is dispensed. It is now primed and ready for use.

Step 4A - Non-VSR Dispense

Ensure the SmartPour 2.0S remains powered on. Place a spirit bottle, cocktail shaker or drinks glass under the Dispense Nozzle, ensuring the vessel is close enough to the nozzle to avoid splashing. Press and hold the desired partial volume button on the User Keypad. Your chosen volume will dispense automatically and be shown on the Display Screen.

Step 4B - VSR Dispense

If you are using your SmartPour 2.0S for VSR-enabled dispense, please ensure your spirit bottle displays an authentic VSR Medallion matching the spirit ecoTOTE loaded in your SmartPour 2.0S. Place the VSR-enabled spirit bottle under the Dispense Nozzle with the VSR Medallion facing the VSR Reader. Your SmartPour 2.0S will emit an audible tone confirming VSR authentication and the VSR Indicator will illuminate on the Display Screen.

Press  on the User Keypad to complete the VSR-enabled dispense.

Important Note

When operating in VSR-enabled mode, your SmartPour 2.0S will not dispense a full bottle refill without a successful VSR authentication.

8. Appendix - SmartPour Calibration

Each SmartPour 2.0S unit has been pre-calibrated at the factory as part of the quality control process. However certain spirits with extreme viscosities and surface tensions may result in inaccurate volume dispensing. The calibration settings within the SmartPour 2.0S may also drift as a result of normal use. In those unlikely scenarios, recalibration of dispense volumes may be required to achieve an accurate dispense.

For best results, the actual spirit is recommended to be used for the calibration process. In the absence of the spirit, water can be used as a substitute noting that the volume of dispensed product may not correspond exactly to the pre-set dispense volume due to the difference in viscosity and surface tension of the 2 liquids. Regardless, the accuracy of the dispense will be within $\pm 2\%$.

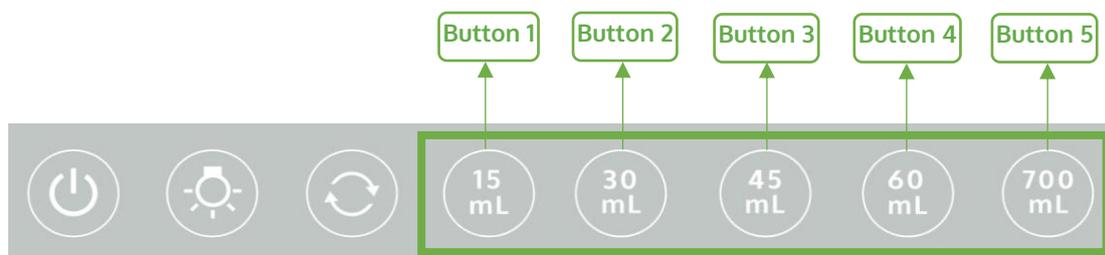
Additional Note

The volume dispensed is determined by the number of revolutions of the flowmeter. Upon entering Calibration Mode, the display will show the default number of revolutions for "Button 3".

For "Button 1", "Button 2" and "Button 4", the number of revolutions is extrapolated both directions, taking reference from the set number of revolutions for "Button 3". Hence, only calibration for "Button 3" is required.

For "Button 5", the dispensed volume is determined by the number of revolutions for "Button 3" + Additional Offset.

Increasing and decreasing the reference point increases and decreases the number of revolutions which also affects the volume being dispensed.



8.1. SmartPour Calibration - Items Required

- a) 1 x Empty bottle
- b) 1 x VSR-enabled Glass Bottle
- c) 1 x Measuring Scale (if measuring by weight/density)
- d) 1 x Measuring Cylinder (if measuring by volume)
- e) 0.8L Water or Actual Spirit

8.2. SmartPour Calibration - Calibrate Button 3

- a) Fill up 1 empty bottle with at least 0.8L of water/spirit. Insert the filled bottle into the SmartPour. Ensure that the inlet nozzle is submerged in the water.
- b) Turn on the SmartPour by touching the "Power" button.
- c) Ensure that the prime step is completed before proceeding. Refer to **Section 7, Step 3**.
- d) Obtain a clean and empty bottle and tare the empty bottle on a weighing scale.
- e) Place the empty bottle under the dispense nozzle.
- f) Touch "Button 3" and measure the weight of the dispensed liquid. This is the Measured Weight (MW). The Target Weight (TW) is **(Selected Dispensed Volume) \pm 2%**.
- g) Calculate the difference between TW and MW. If the difference is positive, it means the reference point needs to be increased. If the difference is a negative value, it means the reference point needs to be decreased.
- h) Touch and hold "Lights" for approximately 5 seconds until a beep is heard. The screen interface will change indicating that the SmartPour is now in Calibration Mode. The dispensed volume linked to Button 3 will display and blink repeatedly.
- i) The default reference point for "Button 3" will be reflected on the display. E.g.: 125 or 135.
Note: The number may vary because the unit is pre-calibrated at the factory.
- j) Every 3-reference point will increase/decrease by approximately 1 ml. Touch "Button 1" to increase the reference point and touch "Button 2" to decrease the reference point. Based on the calculated difference, adjust the reference point accordingly.
- k) Once done, tap on "Lights" to save and exit calibration mode.
- l) Touch "Button 3" and measure the dispensed volume. If the newly adjusted volume is still not accurate, repeat steps d-l again.

8.3. SmartPour Calibration - Calibrate Button 5

- a) Fill up 1 empty bottle with at least 0.8L of water/spirit. Insert the filled bottle into the SmartPour. Ensure that the inlet nozzle is submerged in the water.
- b) Turn on the SmartPour by touching the "Power" button.
- c) Ensure that the prime step is completed before proceeding. Refer to **Section 7, Step 3**.
- d) Obtain a clean and empty VSR-enabled bottle and tare the VSR-enabled bottle on a weighing scale.
- e) Place the VSR-enabled bottle under the dispense nozzle.
- f) Ensure that the VSR Medallion is facing the integrated VSR reader of the SmartPour. A single beep indicates a successful VSR authentication. The VSR indicator will illuminate for the next 5 seconds.
- g) Touch "Button 5" and measure the weight of the dispensed liquid. This is the Measured Weight (MW). The Target Weight (TW) is **(Selected Dispensed Volume) \pm 2%**.
- h) Calculate the difference between TW and MW. If the difference is positive, it means the reference point needs to be increased. If the difference is a negative value, it means the reference point needs to be decreased.

- i) Touch and hold "Lights" for approximately 5 seconds until a beep is heard. The screen interface will change indicating that the SmartPour is now in Calibration Mode. The dispensed volume linked to Button 3 will display and blink repeatedly.
- j) Touch "Button 5" to calibrate the VSR Enabled Refill. Touch "Button 1" to increase the offset and touch "Button 2" to decrease the offset.
- k) Once done, tap on "Lights" to save and exit calibration mode.
- l) Obtain a clean and empty VSR-enabled bottle.
- m) Place the VSR-enabled bottle under the dispense nozzle.
- n) Touch "Button 5" and measure the dispensed volume. If the newly adjusted volume is still not accurate, repeat steps d-n again.

9. Release History

Rev	Date	Originator	Description of Change
00	27 July 2022	Muhd Yusoff	Initial Release

For more information, please contact techsupport@ecospirits.global