**Referenced Documents**

Procedure No. Document Description

**Contents**

[Branson 2510, 3510 & 8510 Series Operation Setup 2](#_Toc5277829)

[Branson 1800 & 2800 Digital CPXH Series Operation SetuP 5](#_Toc5277830)

[Branson 1800 & 2510 Mechanical Series Operation Setup 7](#_Toc5277831)

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| Figure 1    Figure 2 |

Branson 2510, 3510 & 8510 Series Operation Setup

1. Reference Figure 1
   1. Remove the insert tray from the ultrasonic cleaner.
   2. Inspect the condition of the water in the cleaner. Make sure the water is clear of debris. If the water appears contaminated, it must be replaced.
   3. Place the insert tray back in the unit.
2. Reference Figure 2
   1. Turn on the ultrasonic cleaner POWER switch (A).
   2. For heated option, press the SELECT OPTION button (F) until the SET TEMP°C light (H) is lit.
   3. For heated option, press and hold the SET DISPLAY button (D) until the display (B) reads "35".
   4. For heated option, press the ON/OFF button (C) so the HEAT ON light (K) is lit.
   5. Press the SELECT OPTION button (F) until the SET SONICS MIN light (I) is lit.
   6. Press the CLEAR DISPLAY button (E).
   7. Press and hold the Set Display button (D) until the time in the display (B) reads what is stated in the chosen process (10, 20, 25 min).

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| Beaker/Container  Solvent    Parts  Figure 3 |

* 1. Make sure the Set Sonics min light (I) on the cleaner is lit.

1. Reference Figure 3
   1. Check the water level. Adjust until the water level is at the operating level line. Fill with tap water ONLY.

NOTE: The water level should be equal to the solvent level in the beaker.

* 1. Check the water temperature.
  2. For heated option, Adjust the water temperature as needed by pressing the Select Option button (F) until the Solution Temp °C light (G) is lit and the display (B) reads a value. Cool tap water can be added to reduce the temperature until temperature falls within proper operating range.
  3. Press the On/Off switch (C) to start the cleaning process.

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| Figure 4 |

Branson 1800 & 2800 Digital CPXH Series Operation SetuP

1. Fill tank with tap water ONLY, close to the operating level line.
   1. Check the water level. Adjust until the water level is at the operating level line. Fill with tap water ONLY.

NOTE: The water level should be equal to the solvent level in the beaker.

1. Reference Figure 4
   1. Turn Main Power switch on (located next to the power cord receptacle).
   2. Press the On/Standby key to turn on the unit.
   3. Press DEGAS key once to start the degas process (if needed). Default degas time is 5 minutes.
   4. Set the amount of time that is stated in the chosen process (10, 20, 25 min). Use up/down keys to increase/decrease cycle time (hold for quick increments/decrements).
   5. Set the tank temperature.
      1. Press the Fn key until the Set Temperature icon flashes.
      2. Press the up/down keys to alter the setting to the tank temperature that is stated in the chosen process (ex. 35° C) While blinking, press the Fn key 5x or wait 15 seconds to return to the ready state.
   6. For heated option, Press the HEAT key once to activate heat. A heat icon will appear.

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| Beaker/Container  Solvent    Parts  Figure 5 |

* 1. Press the Sonics key to start the cleaning process. Run parts until the entire cycle is complete.

1. Reference Figure 5

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| Figure 6 |

Branson 1800 & 2510 Mechanical Series Operation Setup

1. Turn main power switch on (located next to the power cord receptacle).
2. Reference Figure 6
   1. Check the water level. Adjust until the water level is at the operating level line. Fill with tap water ONLY.

NOTE: The water level should be equal to the solvent level in the beaker.

* 1. Turn the timer knob clockwise to 5–10 and let the unit run to allow the solution to “degas” (if required).
  2. For heated option, turn HEAT switch on, and adjust to the tank temperature that is stated in the chosen process (ex. 35° C).
  3. Turn the timer knob clockwise to set the amount of cleaning time required by the chosen process (10, 20, 25 min).
  4. Turn the timer knob counterclockwise to the HOLD position for continuous operation.