



SONICLEAN WASHER / RINSER

User Manual

Washer models UW-4800, UW-4800LI, UW-4800LI-MRS, UW-4800LI-MRS-2

Optional rinser add-ons: R-3000, R-4800



Safety Precautions

Before First Use

Please read and familiarise yourself with this manual prior to first use.

Ultrasound Pressure

Ultrasonic equipment under test generates high amplitude ultrasonic sound which can be harmful to ears. Ensure adequate ear protection is worn while this unit is in use.

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1. Introduction

Thank you for purchasing a Soniclean ultrasonic washer with an optional rinser. Soniclean washers and rinsers are designed to improve the quality and consistency of cleaning instruments using ultrasonics and clean water rinsing. It is intended that the instruments shall be gross-cleaned prior to loading into the washer or rinser, and be sterilised in the usual manner after ultrasonic cleaning.

This manual will guide you through the safe and effective operation of your device. Please also ensure you have familiarised yourself with specific instructions for installation and first use to avoid damage to the device and/or instruments or harm to operators.

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2. Requirements

The customer shall ensure the following requirements are met prior to installation. This is essential for the machine to perform at optimum level and to fulfil Australian Standards. If the customer fails to provide this information, Soniclean will provide the information for a fee.

2.1. Environmental

1. Use hot and cold water.
2. Dedicated taps or inlets are required for the washer.
3. Water quality for cleaning as per AS/NZS 4187:2014 shall be used. Water hardness will determine the type of detergent to be used. It will also determine the amount of detergent to be used in the cleaner.

2.2. Plumbing

1. The water pressure must be between 350 kPa (50 psi) and 1000 kPa (150 psi).
2. The flow rate must be between 10 litres/minute and 20 litres/minute.
3. This is a high hazard application and the inlet water supplies shall be fitted with an approved reduced pressure zone device and a line filter. Please check with your local water authority for the correct installation information for your area.
4. The water inlet connections with ½" male BSP fitting must be within 600 mm of the machine.
5. Do not use any aeration devices in the mains water supply.
6. An outlet pipe of 25 mm diameter for waste water must be located within 600 mm of the machine.

2.3. Electrical

1. A GPO power socket supplying 240 VAC 50-60 Hz rated at 10 amps must be located within 600 mm of the machine.
2. The power supply circuit shall not be shared with life threatening or life support electrical systems.
3. The power supply circuit shall not be shared with computer electrical system or other excessively large power devices such as sterilisers, washers or disinfectors.
4. Earth leakage protection shall be provided by user.

Note: The unit contains a MOV surge arrester. When carrying out an insulation resistance test, the test MUST be carried out 250 V as per AS/NZS 3760-2022 or Class 1 equipment with MOV surge arrester.

2.4. Machine Reporting System (MRS models only)

1. A Local Area Network (LAN) outlet must be located within 1000 mm of the machine.

2.5. Printer (Optional)

1. Allow room on the left hand side of the machine for the printer unit.
2. An additional GPO power socket is required for the printer.

2.6. Detergent Container (Washer models only)

1. The detergent bottle is supplied with your machine.
2. The detergent bottle shall be positioned in the compartment in the front of the machine.
3. When bottle is empty replace with the same brand of detergent. It is important that identical detergent is used, as this is critical to the total cleaning process. If other detergent is used the machine shall require re-programming.

3. Installation

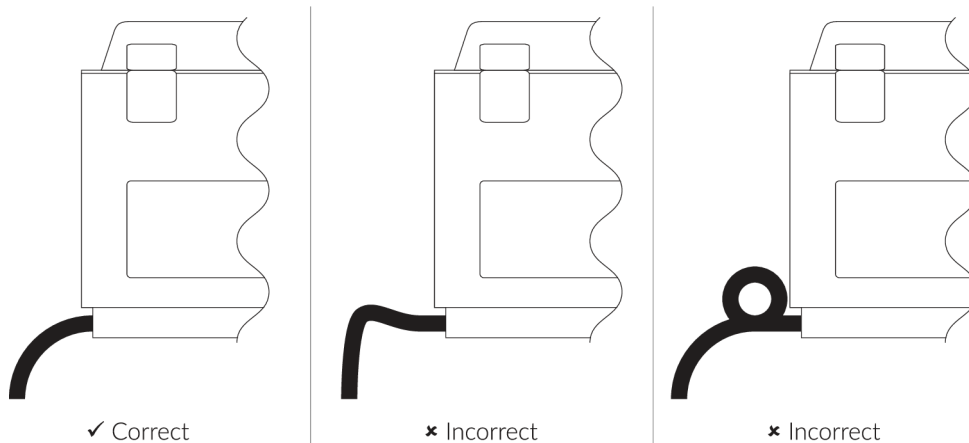
3.1. Plumbing

Inlet Mains Supply

1. Screw supplied braided hose on to the machine and inlet mains water supply (hand tighten only).
The hot supply connects to the upper inlet while the cold supply connects to the lower inlet.

Outlet Waste Supply

1. Screw and hand tighten supplied black sink hoses onto the machine and insert into drain.
2. Ensure that the black sink hoses fall evenly away from the machine to the drain.



3.2. Electrical

1. Plug the machine into the mains supply. The machine's IEC power socket is on the right hand side of unit near the rear.
2. Switch on power to the washer when ready to operate.

Note: The unit contains a MOV surge arrestor. When carrying out an insulation resistance test, the test MUST be carried out at 250 V as per AS/NZS 3760-2022 for Class 1 equipment with MOV surge arrestor.

3.3. Machine Reporting System (MRS models only)

For connection to a Local Area Network (LAN):

1. Use the LAN cable provided and push the black plug into the MRS socket provided on the washer. Plug the other end (RJ45) into the LAN wall outlet.
2. Contact your IT department and hand them the Machine Reporting Manual. The appropriate information for connecting the machine to the Local Area Network is found on page 10 "Network Hardware and Configuration" of the Machine Reporting System Manual.

To connect directly to a PC or laptop without using a LAN:

1. Use the PC cable provided and push the black plug into the MRS socket provided on the washer. Plug the other end (RJ45) into the appropriate outlet on the PC.
2. Consult the MRS User Manual for information about connecting to the MRS from the PC or laptop.

Caution: Only use designated cables for accessing data from the washer. The cable marked 'PC' should be used for direct connection to a computer's ethernet port. The cable marked 'LAN' should be used for connection to a LAN wall outlet.

Refer to the MRS User Manual for further detailed information about the MRS.

3.4. Printer (Optional)

1. Plug the printer cable into the machine (just above the MRS network socket) and the printer.
2. Plug the printer into the mains supply and switch it on.
3. Press the feed button to progress the paper.

3.5. Detergent Container (Washer models only)

1. Open the door on the front of the washer.
2. Place filtered end of detergent hose into container.
3. Place detergent container into compartment.
4. Ensure there is sufficient detergent in bottle at all times.
5. Check the level of detergent regularly.

Soniclean Sonic 1 detergent (ARTG No: 141350) is a hospital grade medial alkaline detergent concentrate compliant with AS/NZS 2773-2019 and AS/NZ 4187-2014. It has been specifically formulated to give the

best results in Soniclean ultrasonic washers and is also used for Soniclean's validation and testing procedures. Soniclean recommends the use of Sonic 1 detergent at a dosage concentration of 0.5%. Soniclean cannot be held responsible for degraded cleaning action or poor Performance Qualification (PQ) results if using other detergent concentrations or detergents not approved by Soniclean.

Please note Chemical Type: _____(Sonic 1), Dosage Setup: _____(0.5%)

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4. Operation

4.1. Prior to Operation

Always ensure that a strainer is fitted in the drain hole of the wash tank to prevent small parts entering the drain and blocking the valve.

4.2. How to Operate

Start Process

1. Turn on at the power point.
2. The machine will display “8.8.8.8”, then “SCx.y” where x.y is the machine’s firmware version.
3. *Washer models:* The machine will automatically open lid, drain, close lid, flush, drain the flush, fill with water and detergent, perform a degassing cycle and open the lid. When the degassing cycle is complete, the machine is ready for use.

Rinser models: The machine will automatically open lid, close lid, spray, rinse and open the lid. When this cycle is complete the machine is ready for use.

4. During the above cycle, the machine will display the following:

Display	Function
8.8.8.8	Internal program.
SCx.y	Internal program process. x.y is the machine’s firmware version.
Lid	Lid is being raised.
Drn	<i>Washer only:</i> Draining the water.
Lid	Lid is being closing.
Drmf	<i>Washer only:</i> Tank is flushing. (Drain is open.)
Drn	<i>Washer only:</i> Tank is draining the flush.
FILL	<i>Washer only:</i> Tank is filling with water and detergent is automatically added at the programmed quantity (0.5%).
De-gas	<i>Washer only:</i> The solution is degassing. This takes approximately 10 minutes.
Spr	<i>Rinser only:</i> Spray jets in operation.
Rin	<i>Rinser only:</i> Rinsing port is in operation.

Lid	Lid is being raised.
----	The machine is ready to be loaded with instruments.

5. For *washer models*, it is recommended that you perform a foil test daily to check the performance of the ultrasonic cleaner. (Refer Section 5, Foil Test.)

Confirm Parameters

To check or change the settings or parameters of your unit:

1. Press the “Shift” and “Clean (Values)” keys together and hold for 3 seconds.
2. A beep will sound when command has been recognised.
3. The machine display will alternate between “ct” and the configured clean time.
4. Scroll through the parameters using the "Enter" keys.
5. The parameters may be changed as required. Refer to Section 8 (“Program Mode”) for details.

Loading the Machine

1. Instruments may be loaded into the tray with the tray located on a bench top.
2. Dismantle the instruments and insert the nozzle end of the cannulated instrument (standard sizes 2, 5 and 10 mm) into the connector provided.
3. With the ports vertical, place the connector, with instrument loaded, into the port.
4. Gently lay the instruments down and rest them on the movable plastic rack. Adjust the rack to support the instruments. The other parts of the instruments may be placed on the bottom of the tray or in the instrument holders provided.
5. The unused ports should be left in vertical position. This turns the irrigator function off for these ports.
6. Place the tray onto the lifter cartridge and push backwards firmly.
7. Ensure that the spigot in the bath docks onto the instrument tray.

Note – with twin manifold baskets it is important to load the lower of the two manifolds first with the lower of the two instrument supports in place. The taller of the instrument supports can now be fitted and the higher manifold can be loaded.

Start Cleaning Cycle

1. Close the lid and press “Clean” (*washer models*) or “Rinse” (*rinser models*).
2. The machine will perform a cleaning cycle according to its program.
3. The following table explains the various parameters of the clean function, which are displayed during cleaning and are programmable to suit your requirements.

Cleaning Activity	Display	Parameters ¹	Explanation
Clean No.	C-01	10	Current clean cycle no.
Ultrasonics	P-03	3	Displays power level.
Time Remaining	09.48	10 minutes	Time remaining to complete current clean, displayed in minutes and seconds (mm:ss).

Stop Cleaning Cycle

1. Press “Clean” again during cycle. This will stop the cycle and clear current clean.
2. To start new cycle, press "Clean" again.

Completion of Single Clean Cycle

1. The machine will emit five (5) beeps and display “----”.

Automatic Drain and/or Shutdown

The washer can be programmed to automatically drain after a selected number of cleaning cycles.

1. The manufacturer's programmed number of cleans between draining is ten (10).
2. When the tenth clean cycle is completed the machine will display "End".
3. The tank will automatically drain.
4. To refill the tank press “Shift” and “Refill” together for three (3) seconds.
5. The washer will be ready for reuse when “--.--” is displayed.

De-gas Function (Washer models only)

1. The machine will automatically degas as programmed when started.

1 As set by the manufacturer.

2. If further degassing is required, press the “Degas” key.
3. The red indicator light will light, indicating the machine is degassing.
4. To stop degassing, press the “Degas” key again, the red indicator light will extinguish, indicating the machine has stopped degassing.

Draining the Tank (Washer models only)

1. Press the “Shift” key and “Drain” key together and hold for three (3) seconds.
2. The machine will emit a beep.
3. Release the keys and the machine will drain.
4. The lid will park in the topmost position.
5. When the drain is complete the display will show “off”.

Draining and Refilling the Tank (Washer models only)

1. Press the “Shift” key and “Refill” key together and hold for three (3) seconds.
2. The machine will emit a beep.
3. Release the keys. The machine will drain, refill with water and detergent, and perform degas cycle.

Manual Shutdown Procedure

Use this procedure to shut down the machine. It is recommended that this be done at the end of each day.

1. Press “Shift” and “Drain” together, and hold for 3 seconds.
2. The machine will drain.
3. The machine will display “OFF”.
4. Turn off the power at the power point.
5. Wipe down surfaces of machine with detergent or disinfectant.

5. Foil Test

The foil test applies only to *Washer models*.

Tip: Remove tray to ensure foil test is accurate.

5.1. Performing a Foil Test

1. Complete the usual start process.
2. Use a strip of 'home' brand aluminium foil about 150 mm long × width of roll
3. Suspend foil from wire stretched between tray handles.
4. Press the “Test” Key to switch on ultrasonic and unit will run for 30 seconds as programmed.
5. Remove the foil and compare the number and distribution of perforations with the sample foil test provided with your machine.

Refer to AS/NZS 2773-2019 for more details.

NOTE: It is important to always use the same type of foil. It is suggested that a test is performed on receipt of the machine of such duration as to give a result similar to the sample provided. This will then become the foil test time for that type of foil.

5.2. Foil Test Problem Solving

If you are having difficulty getting a foil test to perform to standard, work through the following items, then try foil test again.

Machine may require further degassing.

1. Remove any load from the machine.
2. Press “Degas” to degas the machine.

Detergent Type and Dilution

Tip: Check detergent bottle is full, check that same brand is being used, and check bottle and hose are connected and that there are no kinks in the line.

1. Always use a pH neutral or slightly alkaline detergent (pH 8 to 10.8) that is made specifically for ultrasonic machines.

2. Extra detergent may be added to overcome water quality issues.

Contact your service agent if you cannot achieve a satisfactory foil test.

Note that as per AS/NZS 2773-2019, it is acceptable to use alternative methods of testing the performance of your ultrasonic machine. Examples such as aluminium disc and pencil test, Soniclean Ultrasonic Performance Meter (UPM) must be used as per the manufacturer's instructions.

6. Keypad Description

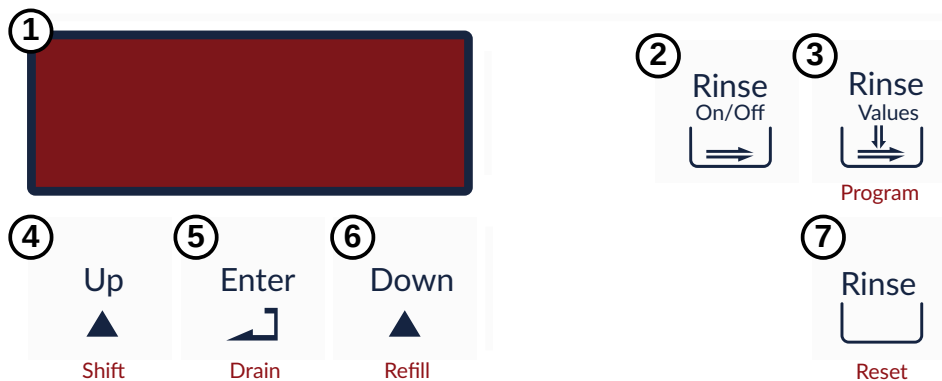
6.1. Washer

Item	Function
1. 7 segment display	Provides feedback, including error messages, clean status, etc.
2. Irrigate On/Off	Initiates irrigation.
3. Clean Values	Change selected settings during operation which are used until power is turned off.
Program (secondary)	Initiates "program" mode: change operation parameters and store them so they persist after turning the washer off.
4. Up (▲)	Increases values in "program" mode.
Shift (hold)	Secondary function key. Hold, then press required key, eg. Drain.
5. Enter (↵)	Confirms changes to parameters in "program" mode.
Drain (secondary)	Drains machine (press while holding shift).
6. Down (▼)	Decreases values in "program" mode.
Refill (secondary)	Drains machine, then refills with fresh water. (press while holding shift).
7. Test	Tank is draining the flush.
8. De-gas (☼)	Removes gas from solution. Press again to cease degassing.
9. Clean (∩)	Start a clean cycle.
Reset (secondary)	Immediately aborts current operation (press while holding shift).



6.2. Rinser

Item	Function
1. 7 segment display	Provides feedback, including error messages, clean status, etc.
2. Rinse On/Off	Initiates rinse.
3. Rinse Values	Change selected settings during operation which are used until power is turned off.
Program (secondary)	Initiates "program" mode: change operation parameters and store them so they persist after turning the washer off.
4. Up (▲)	Increases values in "program" mode.
Shift (hold)	Secondary function key. Hold, then press required key, eg. Drain.
5. Enter (↵)	Confirms changes to parameters in "program" mode.
Drain (secondary)	Drains machine (press while holding shift).
6. Down (▼)	Decreases values in "program" mode.
Refill (secondary)	Drains machine, then refills with fresh water. (press while holding shift).
7. Rinse (↻)	Start a rinse cycle.
Reset (secondary)	Immediately aborts current operation (press while holding shift).



7. Programmable Features

When you receive your Soniclean washer or rinser it will be set to function automatically. The parameters are set in the factory. The features described below may be altered as you require. The list includes the display you will see on the machine when you are programming.

For Washer models:

Parameter	Description
Ct	Duration of clean.
PO	Ultrasonic power levels.
Cn	Clean number. This determines the number of cleaning cycles your machine will perform before automatically draining.
F°	Wash fill temperature.
SP	Detergent concentration.
G1	Start up degassing time.
G2	Pre-wash degassing time.
tt	Test time. Set time for foil test.
Id	Irrigation default - 1= irrigation on at start up.
Ir	Number of (5 second) rest periods between flushes.

For Rinser models:

Parameter	Description
Spr	Duration of spray.
Rin	Duration of rinse.
F°	Rinse liquid temperature.

To alter these parameters see Section 8, “Program Mode”.

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8. Program Mode

The parameters can be altered by entering the program mode. There are three (3) methods to enter this mode.

8.1. Program Entry Points

Alternative 1 Program at Start Up

1. Press the "Clean Values" key then turn on the machine.
2. Hold the "Program" key down until the machine displays "Ct.nn".
3. Release the "Program" key.

Alternative 2 - Program during Operation

1. The machine will display "--. --".
2. Hold down the "Shift" key and then press the "Program" key and hold for three (3) seconds.

Alternative 3 - Program during Operation

1. The machine will display "--. --".
2. Hold the "Program" key for three (3) seconds.
3. Washer models: "Ct", "PO" & "rt" parameters may be changed.
Rinser models: "Spr" and "Rin" parameters may be changed.
4. Values will be held until changed or until machine is restarted.

8.2. Program Parameters

To program the parameters, enter program mode per section 8.1 above, then:

1. The machine will display a variety of parameters that you may reconfigure.
2. Press the arrow "Up" key to increase the parameter and the arrow "Down" key to decrease the parameter.
3. To accept a value press "Enter" The display will scroll through the parameters.
4. Refer the table on the next page for parameters and default values.

Default Parameter Values

i. Key to Programming Display

Washer models:

Parameter	Display	Unit	Min	Max	Default
Clean time	Ct	mins	1	99	5
Ultrasonic power level	PO		1	6	3
Clean number	Cn		0	99	10
Fill temperature	F°		0	2	0
Detergent concentration	SP	%	0.0	5.0	0.5
Start-up degas time	G1	mins	0	99	5
Pre-wash degas time	G2	mins	0	99	1
Test time	tt	sec	0	99	30
Irrigation default	Id		0	1	1
Irrigation rest periods	Ir		4	99	5

Rinser models:

Parameter	Display	Unit	Min	Max	Default
Spray time	Spr	mins	1	99	2
Rinse time	Rin	mins	1	99	2
Rinse temperature	F°		0	2	0

ii. Ultrasonic Power Level

Parameter	Power
1	Low
2	Medium
3	Full
4	Full power at 25% duty cycle
5	Full power at 50% duty cycle
6	Full power at 75% duty cycle

iii. Fill Temperature, Rinse Temperature

Parameter	Temperature
0	Cold
1	Warm
2	Very warm

9. Display Messages

These messages are displayed on the keyboard at various times. This table explains their meanings.

Display	Explanation
----	Together with 5 beeps, this indicates that a process has been completed. The operator does not need to wait for the beeps to end before starting another process.
04:58*	Shows the time remaining of the degas or clean function that is currently operating.
C-01*	Indicates the current cleaning cycle number.
P-03*	Indicates power level selected: P-02, P-03, etc.
dGAS	The machine is degassing.
drn	Machine is draining.
drnf	Bottom of the wash tank is flushed with clean water, and then drained.
FILL	The machine is filling the wash tank.
OFF	The machine has completed operation and needs to be turned off at power point.
END	End of final clean.
Lid	The lid is in motion.
tEst	When the lid is open to maintain ultrasonic (foil/UPM) performance test.
Drnb	Sensors detect liquid in wash tank when it is supposed to be empty.
FAIL	Operator programmed values have been lost and will need to be re-programmed.
HOT	An excessive heat condition has been identified.
LO	The level of liquid in the wash tank is low.
OFLO	Liquid has been detected in an area of the machine that should always be dry.
rtc	<i>MRS models only:</i> The Real Time Clock (RTC) date/time in the system is considered invalid.
P-UP	A clean process was interrupted and did not complete the full cycle.
H2OL	A water leak has been detected in the system.
IP-?	<i>MRS models only:</i> The configuration of the machine is not set.
SLid	Lid has been opened during operation.

* Displayed when cleaning.

10. Error Diagnosis

IMPORTANT: When the following messages are detected (except for the first), they are flashed on the display together with rapid intermittent beeps. Power to the machine must be removed when this occurs.

10.1. Program Values Lost (FAIL)

This message indicates the operator programmed values have been lost and will need to be re-entered. This error occurs when the machine loads the programmed values stored in memory and an error is detected in the data. This error may be caused by:

1. The memory device has not been programmed or programming has been erased.
2. An error in the memory device.
3. Electrical noise causing corruption of data.

Corrective Action

1. Press the “Program” key to re-program the machine.
2. If the “FAIL” message is displayed again it may a faulty memory device.
3. Contact service agent.

10.2. Low Level in Tank (LO)

This message may occur after a Fill Wash Tank Operation has completed and a low level is detected in the wash tank (below minimum level). This fault may be caused by a leaky drain valve or faulty minimum level sensor.

This error will not be detected while the wash lid is up as the operator may cause wave action in the wash tank causing a false indication.

Corrective Action

1. Turn off at power point.
2. Contact service agent.

10.3. Drain Blocked (drnb)

This message occurs if the top, minimum, or empty level sensors detect liquid. This may be caused by a blocked drain, a faulty level sensor or an incorrectly installed drain hose.

Corrective Action

1. Turn off at power point.
2. Check for blocked drain.
3. Remove blockage if found.
4. Re-start machine.
5. Check drain hose installation
6. If no blockage present contact service agent.

10.4. Overflow Detection (OFLO)

This message is reported when liquid is in danger of overflowing the tank. When this condition occurs, all power to the machine shall be shut down. The most likely cause of this condition is a faulty drain valve.

Corrective Action

1. Contact a service agent.

10.5. Ultrasonics Overheating (HOT)

This message occurs when the ultrasonics board indicates an excessive temperature condition.

Corrective Action

1. Turn off the machine at power point.
2. Allow to cool for at least one hour.
3. Re-start machine.
4. If "HOT" display persists, contact a service agent.

10.6. Real-Time Clock (rtc)

This message occurs if the Real Time Clock (rtc) date/time in the system is considered invalid. This may be caused by the machine not being used for a long period of time.

Corrective Action

1. Replace the backup battery for the clock if discharged.
2. Reset the date/time through the Web interface. (Read the Machine Reporting Manual).
3. Contact a service agent.

10.7. Power-up warning (P-UP)

This message occurs at boot up time if a clean process was interrupted and did not complete its cycle. This alerts the operator that instruments being cleaned in the machine may not be completely clean. A power failure is the most likely cause.

Corrective Action

1. Press enter and continue with the clean cycle.

10.8. Water leak (H2OL)

Water may have entered the internal red control box or blue ultrasonic box..

Corrective Action

1. Contact a service agent.

10.9. Setting default IP values (IP-?)

Only for MRS models and IT staff use.

Corrective Action

1. Contact the facilities IT department.
2. Refer to the Machine Reporting Manual.
3. Contact a service agent.

10.10. Lid lifted during operation (Slid)

Corrective Action

1. Restart unit.

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11. Optional modules

11.1. MRS Monitor

The MRS Monitor module connects to the ethernet port of washers fitted with the MRS option. It automates the delivery of MRS data to Soniclean which uses it to monitor machine performance. Please refer to the MRS Monitor User Manual for full details or contact Soniclean if there is interest in utilising an MRS Monitor Module.

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12. Ongoing Maintenance Requirements

12.1. Product Validation & Calibration

Soniclean offers validation, calibration and electrical safety testing (“Test and tag”) services for all Soniclean products. We recommend that re-validation and calibration of Soniclean equipment be performed on an annual basis to ensure your machine continues to meet our original specifications.

Our validation and calibration services meet AS/NZS 4187:2014, which states in clause 7.1.2 that “Validation of the cleaning, disinfecting, packaging and sterilising processes shall be documented in a validation report”.

12.2. Servicing and Maintenance

Soniclean offers 12 month service contracts for planned preventative maintenance to ensure the equipment is performing at its peak. Our Preventative Maintenance Contracts (PMC) comply with AS/NZS 4187:2014, which states in clause 10.3.1 that "Preventative maintenance of all equipment shall be planned and undertaken in accordance with documented procedures by the equipment manufacturer. This shall be carried out by the manufacturer or a competent person."

Soniclean has not authorised any other third-party or service provider to undertake validation, calibration and maintenance of Soniclean products and cannot be held liable for any malfunction or adverse cleaning results caused by a validation and performance qualification (PQ) undertaken by a third-party.

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A. Operating Instructions Summary

A.1. Typical Operation

1. Remove tray.
2. Turn on at power point.

The machine will display “8.8.8.8”, followed by “SCx.y” (where x.y is the machine’s software version number).

Washer models will automatically drain, flush, drain the flush, fill, & degas. This will take approximately 25 minutes.

Rinser models will automatically activate the spray and rinse functions. This will take approximately 5 minutes.

3. Machine will display “- - - -”
4. Check program settings.

The machine is now ready for use.

5. Load the machine.
6. *For washers*, press “Clean”. The display will show “C-01” (number of cleans), “degas”, “01.52” (time remaining), then “C-01” (number of cleans), “P-03” (power level), “09.48” (time remaining).

For rinsers, press “Rinse”. The display will show the time remaining.

7. To stop cleaning (or rinsing) at any time, press “Clean” (or “Rinse”) again.
8. When cycle is complete, machine will display “- - - -”
9. Remove tray.

A.2. Automatic Shutdown

1. When the programmed number of cleaning cycles are completed the machine will automatically drain, and display “End”.
2. *For washer models*, press and hold the “Shift” and “Refill” keys to continue cleaning or;
3. Turn off at power point.

A.3. Manual Shutdown

1. Press “Shift” and “Drain”.
2. When machine has drained the display will show “OFF”.
3. Turn off at power point.

B. Specification

Soniclean ultrasonic washer UW-4800, UW-4800LI, UW-4800LI-MRS, UW-4800LI-MRS-2
Soniclean ultrasonic rinser: R-4800

Tank Size	600 mm (W) × 500 mm (D) × 400 mm (H)
Tank Capacity	120 L
Ultrasonic Power <i>(Washer models only)</i>	700 W (typical)
Overall Size	760 mm (W) × 705 mm (D) × 1300 mm (H)
Weight (per chamber)	70 – 80 kg
Working height (per chamber)	880 – 930 mm

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C. Warranty

Note: For goods purchased in Australia after 1 January 2012.

Soniclean goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The benefits under our warranty described below are in addition to other rights and remedies under a law in relation to the goods.

The Soniclean washer is guaranteed for 12 months from date of purchase. We undertake to repair free of charge or exchange (at our discretion) any part found to be defective due to a manufacturing fault.

This warranty is not transferable and does not cover damage caused by the following: misuse, neglect, failure to observe operating instructions, failure to keep the machine clean, accident, use of incorrect power supply, use of incorrect water supply, use of incorrect or non-approved cleaning chemicals.

This warranty does not cover:

1. the ultrasonic tank against erosion by chemical, cavitation or ultrasonic actions;
2. damage to transducers caused by excess thermal or mechanical shock.

The purchaser agrees to undertake the cost and responsibility of transportation of the machine to and from the premises of the distributor, authorised service agent or manufacturer.

For the warranty conditions to apply, the washer must be installed and commissioned by personnel approved by the manufacturer. Any faults or possible doubts arising concerning the effective operation of the machine must be reported to your supplier or manufacturer in writing within 3 working days.

C.1. Warranty Registration

This form, photocopy or facsimile must be returned within 1 month from the date of commissioning the machine.

Personal details collected by Soniclean are treated as confidential and in accordance with our privacy policy.

Retailer / Place of Purchase _____

Model _____ Serial No. _____

Date of Purchase _____

Date of Commissioning _____

Commissioned By _____ x

Position _____

Details (plumbing licence, etc)

Hospital staff in attendance

Customer Representative _____ x

Position _____

Soniclean Representative _____ x

Position _____

Return warranty form to:

Soniclean Pty Ltd
ABN 89 057 730 ACN 057 730 917
12B Islington Court
Dudley Park, SA 5008 AUSTRALIA
Tel: +61 8234 8398
soniclean.com.au / sales@soniclean.com.au

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D. Further Enquiries

Technical Support

Nominated Service Provider

or

Soniclean Pty Ltd

+61 8 8234 8398

Sales Enquiries

Soniclean Pty Ltd

soniclean.com.au

sales@soniclean.com.au

+61 8 8234 8398

To arrange a service or discuss the terms of your contract, contact our Customer Care Team on +61 8 8234 8398.

All services are provided subject to our Standard Service Terms and Conditions.