

SHARP
SHARP CORPORATION
OSAKA, JAPAN

Operation manual of full-automatic washing machine

SHARP

ES-M1108T
ES-M1008T

Operation manual

Thank you for purchasing our product.

Please read this manual carefully before use.
Please read "Safety Precautions" carefully
before use.
Please keep this manual in a safe place.
Our product is specially designed for household
use only.

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TINS-A206QBEZ

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Safety precautions



WARNING

Do not allow children to play with or look around the washing / spin drying tub, in case of injury.



FORBIDDEN

Clothing stained with harmful diluting agents such as gasoline, kerosene and so on must not be put into the washing / spin drying tub.



FORBIDDEN



INFLAMMABLES
GASOLINE

Do not use power supply other than AC220-240V, 50Hz, so as to avoid malfunction, damage and fire.



FORBIDDEN

Except professional repair-men, do not modify the machine. Please do not disassemble and repair the machine without permission, so as to avoid fire, electric shock, getting hurt or malfunctions of the machine.



FORBIDDEN
DISASSEMBLE

Do not place the machine at high-humidity places such as bathroom, locations where wind and rain may get in, and so on. Otherwise, electric shock, fire, malfunctions and distortion may take place.



FORBIDDEN TO
USE AT
HIGH-HUMIDITY
LOCATIONS

Use a plug socket above 13A separately. A loose plug socket or the action of sharing a plug socket with other apparatus may start a fire due to heat.



MANDATORY

While cleaning the machine body, the plug should be pulled out first. Do not plug or pull the plug with wet hand or wet cloth, so as to avoid electric shock.



PLUG OR PULL
THE PLUG

Before the washing / spin drying tub completely stops, do not touch the clothing being washed. Even if the tub is running at low speed, your hand may get wrapped up and injured. Special attention should be paid to children.



FORBIDDEN
TO
TOUCH

Do not change the original state of power cable. Any artificial damage to the power cable could cause electric shock, electric leakage or other malfunctions.



FORBIDDEN

Do not use damaged power cable, plug and loose plug socket, so as to avoid short circuit, electric shock, fire and other accidents.



FORBIDDEN

Do not use water to wash components of the machine, so as to avoid short circuit and electric shock.



FORBIDDEN
TO
WASH THE WATER

Do not approach any fire source to a plastic component, which has the risk of starting a fire.



FORBIDDEN

Clean the dust on the plug and plug socket to avoid fire.



MANDATORY















MEMO

Specification

Model	ES-M1108T	ES-M1008T
Power supply	220 V ~ 50 Hz	
Standard washing/ spin drying capacity	11 kg	10 kg
Standard water consumption	129 L	127 L
Standard water level	48 L	46 L
Washing / Spin Drying Rated Power Input	510 W / 315 W	505 W / 295 W
Washing type	Swirl type	
Water pressure	0.03 ~ 0.8 MPa	
Weight	37 kg	
Dimensions (W×D×H (mm))	580 × 625 × 1031	580 × 625 × 1011

Safety precautions

⚠ WARNING

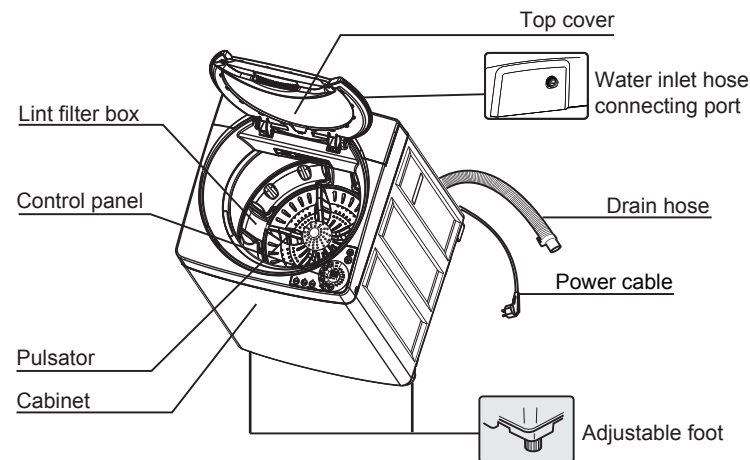
- Do not wash water resistant clothing. Do not wash sleeping bags, bath curtains, raincoats, rain ponchos, rain covers, ski jackets, ski pants, automobile covers and other water resistant clothing, so as to avoid abnormal vibration and other unexpected accidents.  **FORBIDDEN**  **CAUTION**  DO NOT PUT WATER-RESISTANT CLOTHING INTO THE TUB. During spin drying, the washing machine is rotating at high speed. Because water in water resistant clothing could not be discharged instantaneously, the machine will be out of balance, causing abnormal vibration and other unexpected accidents.
- Do not wash objects other than clothing to avoid abnormal vibration and causing damage to machine.  **FORBIDDEN**
- The temperature of water must not exceed 50°C, so as to avoid accidents of electric leakage and electric shock due to distortion or damage of plastic.  **FORBIDDEN**
- While pulling out or plugging the plug, do not touch the metal part of the plug, so as to avoid electric shock or short circuit.  **MANDATORY**
- After using the washing machine, please pull out the plug, so as to avoid electric leakage, electric shock or fire due to loose connection of plug.  **MANDATORY**  PLUG OR PULL OUT THE PLUG
- Before using, check carefully if the connection of water inlet hose or drain hose is reliable, so as to avoid water leakage.  **MANDATORY**
- When the machine is running, do not touch the bottom with hand or foot, where there's a rotating mechanism, so as to avoid getting hurt.  **FORBIDDEN TO TOUCH**
- Before using, check the bottom of the product, make sure there is no packaging material such as a plastic holder attaching on visual parts. And then install the bottom cover.  **MANDATORY**
- Do not put heavy objects on the machine. so as to avoid distortion and damage.  **FORBIDDEN**
- After using, please turn off the tap to avoid water leakage.  **MANDATORY**
- The base opening must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.  **MANDATORY**

CAUTION

- To avoid danger, if the soft power cable is damage, it must be replaced by the manufacture or its maintenance department or similar dedicated personnel.
- If powder detergent or liquid detergent adheres to a plastic component such as the top cover, wipe it away immediately, otherwise it may damage the plastic component.
- Each time washing is finished, clean lint filter box. Otherwise it may not have effect to catch lints.

Name of each component

Machine body



List of accessories

Name	Quantity
Water inlet hose assembly	1 set
Drain hose	1
Screw	1
Bottom cover	1
Operation manual	1
Installation manual	1
Warranty card	1

Common non-fault phenomenon

Phenomenon	Check
Not working Light can not be on.	<ul style="list-style-type: none"> Is the plug plugged in firmly? Is the power supply interrupted or does the main switch in your house trip off?
There's abnormal sound.	<ul style="list-style-type: none"> Does the washing machine incline or is it unstable? Does the clothing deviate to one side during spin drying? Is there a hair clip or other foreign metal objects mixed in the clothing?
No water inlet.	<ul style="list-style-type: none"> There's no water supply if the top cover is open. Please close the top cover properly.
Tap leaks.	<ul style="list-style-type: none"> Are the screws or the installation position of the water nozzle connection loose? Does the water nozzle connection incline or shake?

Inspection of a washing machine having been used for many years.

Check 	Are there situations like these? <ul style="list-style-type: none"> Doesn't run sometimes. "CHILD LOCK" doesn't work during running. Water leakage (water hose, spinning tub, tap connection). There is burning smell. There is an abnormal sound or vibration during running. Your hand feels numb while touching the machine. Power cable or plug is unusually hot. 	Stop using the machine	To avoid a fault or an accident, please pull out the plug from the plug socket. Be sure to entrust the maintenance department to check it, and consult the maintenance department for check and repair fees.
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Common non-fault phenomenon

Phenomenon		Not a fault
Water inlet	A sound in water hose and water inlet valve.	Because the pressure of tap water is relatively high. Please adjust tap connection.
Washing Rinsing	When washing or rinsing is finished, the pulsator will rotate slightly.	To avoid the offset of clothing to reduce vibration during spin drying.
	During the washing process, the pulsator rotates discontinuously.	In the soaking and washing in soak course, the pulsator rotates once every 8 seconds, so that the detergent can permeate into the clothing sufficiently.
Spinning	When spinning starts, low-speed rotation will happen for a while. (Do not rotate at high speed immediately.)	This action is done to adjust the balance and to dry clothing sufficiently.
	When spinning starts, the machine gives off sounds like "Patsa Patsa".	During spin drying, water hits the tub side, which is not abnormal.
	During spinning, the program inlets water and enters rinsing. (Indicating light of spin blinks quickly.)	During the rotation in spin drying, the offset of clothing is detected and corrected automatically. (If the offset phenomenon can not be changed by auto-correction, the operation will stop immediately.)
	The clothing has been dehydrated but not wringed dry.	The spin drying ratio of an automatic washing machine is a little lower than that of a twin tub washing machine. In case the spin drying of large clothing such as towels, blankets etc. is uneven, please spin drying it again.
Others	Operating parts heat up.	It's caused by the heat radiation of electrical components.
	Indoor lighting darkens in an instant.	The voltage of plug loop in your house drops in an instant when the motor starts up. (Please use an exclusive plug loop.)
	Rotate the tub body with your hand, there's a sound of water shaking.	To keep balance during spinning, there's liquid in the balance ring.
	There's a stray noise on the radio or television, and the image is unclear.	Keep away from radio and television as far as possible.
	After washing is finished, there are white lines around the washing / spin drying tub.	The white powdery material is the result of the combination of ingredients in detergent and ingredients in water (Wipe away with twisted cloth.) Please note that it will stick on where it is left. Using liquid detergent or injecting water and rinsing twice can prevent this phenomenon.

Key points of washing

Pay more attention to the following situations

- Before washing, please remove sludge and sand on clothing first.
- For very dirty parts of the clothes, you can smear some liquid detergent on them and rub them in advance.
- For clothing easy to pill, please turn it inside out first and then wash it.
- Large clothing and clothing easy to float should be put into the washing tub first.
Please put large clothing and clothing easy to float (chemical fibers etc.) at the bottom. This is beneficial to the good rotation of clothing.

To avoid damage to tub, pulsator...

- Please take out coin, hair clip, curtain hook and other metal
- Wrap up buttons and zipper and put them on the inner side.
- Put bra etc. in washing mesh bag.

To avoid damage to clothing, winding of clothing...

- Belts on apron and so on must be knotted; zippers must be zipped.
- Thin or easily damaged clothing must be washed in washing mesh bag.
- Metal decorations (zippers etc.) on the clothing in washing mesh bag must be checked.

For better washing...

- Please check the washing mark.
- Wash clothing easy to fade separately.
- For towels and other clothing easy to produce lints, please wash them separately or use washing mesh bag.

To protect the environment

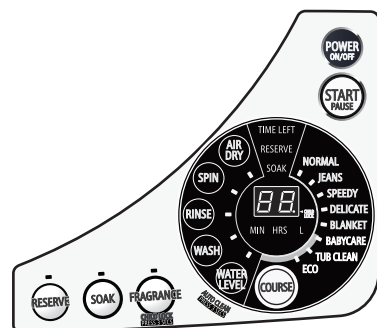
...To avoid the waste of water, detergent and electricity.

- During washing, wash clothing together.
- Put in proper amount of detergent according to the fouling situation.
- Reuse detergent liquid.

While using a washing mesh bag, put in as little clothing as possible. Too much clothing will decrease the performance during rinsing and spin drying or cause the offset of clothing during spin drying.

Instruction on control panel functions

Control panel / Display



POWER ON/OFF	POWER : Plug the machine in and then press this key, the machine turns on. Press this key again, it turns off. Caution 1.If the machine is energized but not started, the power supply turns off automatically 5 min later. 2.If no key pressed after the START/PAUSE key is pressed during the running, the power supply turns off automatically 10 min later.
START/PAUSE	START/PAUSE : Press this key after turning on, selected course is started. Press this key again, the running is paused. Press it once again, the running restarts.
COURSE	NORMAL : Wash daily clothing like relatively-dirty shirts or pants. JEANS : Wash heavy and very dirty clothing. SPEEDY : Wash speedy for Not-so-dirty clothing. DELICATE : Wash clothing with the HAND WASH mark. BLANKET : Wash strong for blankets or heavy clothing. BABY CARE : Wash gently and rinse thoroughly for baby clothing. TUB CLEAN : Course for cleaning washing / spin drying tub. Select the washing time: 2 hrs, 6 hrs, 9 hrs. ECO : Water is saved by 1 time static rinse.
WASH	WASH : Select WASH as necessary. Select the washing time: [-](= 0 min) , 1 min – 15 min.
RINSE	RINSE : Select RINSE as necessary. Select the rinsing time: [-](= 0 min) , 1 time – 3 times.
SPIN	SPIN : Select SPIN as necessary. Select the spinning time: [-](= 0 min) , 1 min – 9 min.
AIR DRY	AIR DRY : Course for reducing the time to dry. Spin-drying with high-speed takes air into the inner tub from the hole of top lid. AIR DRY course reduce the time to dry in the shade greatly. Select the time: [-](= 0 min) , 30 min, 60 min, 90 min.
WATER LEVEL	WATER LEVEL : Select the appropriate water level depending on course or kinds of clothing. (Select from 8 steps regulation)

Common non-fault phenomenon (Please refer to this section if you think an abnormality happens.)

Abnormal display

Caution : It generates a beep when washing machine indicates abnormal display. If not connected in 10 min, it turns off automatically.

Because the phenomenon may not be a fault, please check it again before sending the machine for repair. In the case of failure, please consult the maintenance department. Be sure not to disassemble and repair the machine without permission.

Present-ation	Possible non-fault cause	Coping process	Failure cause	List of failure cause
E1	<ul style="list-style-type: none"> Low flow at the faucet. The faucet is closed. Water inlet filter net is blocked. 	<ul style="list-style-type: none"> Increase water supply, press START / PAUSE key. Turn the faucet on, press START/PAUSE key. Clean filter net, press START/PAUSE key. 	① ② ③ ④ ⑤ ⑥	①. Get water in tube of water level sensor ②. Circuit failure
E2	<ul style="list-style-type: none"> Top cover is opened as the reservation course starts. Top cover is not closed during spin drying. 	<ul style="list-style-type: none"> Close top cover. 	② ④ ⑤ ⑥	③. Failure of water inlet valve ④. Wiring disconnection
E3	<ul style="list-style-type: none"> The drain position is relatively high. The end of drain hose is blocked. Drain hose is folded/ crumpled/tied. 	<ul style="list-style-type: none"> Adjust drain hose properly, press START /PAUSE key. Clean drain hose, press START/PAUSE key. 	② ④ ⑥ ⑧ ⑨ ⑩	⑤. Connector contact failure ⑥. Failure of water level sensor ⑦. Failure of safety switch
E4	<ul style="list-style-type: none"> Washing machine inclines or is shaky. The clothing is lopsided. 	<ul style="list-style-type: none"> Washing machine place the horizontally with adjusting the foots. Distribute the clothing evenly. 	④ ⑤ ⑦	⑧. Failure of drain valve ⑨. Failure of drain valve motor
C2	<ul style="list-style-type: none"> Water level sensor shows an abnormal level. 	<ul style="list-style-type: none"> Pull out the plug from the plug seat, and ent-rust the maintenance department. 	① ⑥	⑩. Connect failure on drain valve motor
U9	<ul style="list-style-type: none"> Top cover opened in the situation of CHILD LOCK. 	<ul style="list-style-type: none"> Turn the power off, and take it from the top. <p>Caution CHILD LOCK is not re-leased, unless you re-set it manually.</p>	—	





Maintenance




TUB CLEAN

In the case of cleaning the washing / spin drying tub.

Caution





- Do not put the clothing in the tub in this course.

-  Press Power ON/OFF key with the top cover closed.
-  Press COURSE key, and select TUB CLEAN course.
 Press WASH key, and select the washing time. Press WATER LEVEL key, and select the water level as necessary.
-  Press START/PAUSE key.
 The washing machine starts to supply water, and displays remaining operation time.

The machine generates a beep when it finishes supplying water.
-  Press START/PAUSE key, and the washing machine pauses.
 Put the washing machine cleaner for washing the tub.
 
-  Close the top cover and press START/PAUSE key to restart.

Instruction on control panel functions

Control panel / Display

	RESERVE : Reserve the time as desired. Select the time: 1 hr – 24 hrs. Reserved time indicates the time to finish the operation. It means, the operation finishes 1 hour later when 1 hr is selected. Set the time after selecting the necessary course.
	SOAK : This course can be added to every course except for TUB CLEAN course. When the SOAK course is selected the light is turned on. During soaking, the water in the tub is stirred intermittently. Select the soaking time: 5 min – 24 hrs.
	FRAGRANCE : This course gives softener more efficacy. Adds the time to soak in the water containing softener at the beginning of final rinsing.
Additional function	CHILD LOCK : CHILD LOCK is set by holding down FRAGRANCE key for 3 sec. The error tone can be heard if top cover is opened after water supply start. If top cover has been opened for 30 sec in such condition, the water is automatically drained.  It is possible to operate only POWER key and START/PAUSE key in this mode. AUTO CLEAN : AUTO CLEAN is set by holding down WATER LEVEL key for 3 sec. (Remove the dirt in the washing / spin drying tub and the back side of pascator with clean water at the final spinning.)

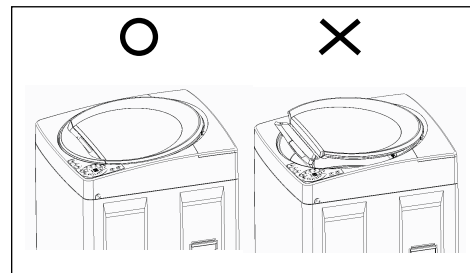
- The washing machine displays the water level at the beginning of running.
- The washing machine displays the remaining operation time during the operation.
- The washing machine displays reserved time during the RESERVE course running.
- The washing machine displays a presentation in the page 15, when an abnormality happens.

Things to know before washing

- Select the course depending on kinds of clothing or degree of dirt on clothing.
- After pressing START/PAUSE key once, you can not change the course. When you want to change the course, turn off the power and select the course as desired again.
- Blinking display indicates the step in running, lighting display indicates the course selected.
- When motor get hot beyond a safe limit, it fail-safes on it and stops the running. Do not use more than 3 continuous runs.

Caution

1. When it fail-safes on the motor, it stops running. After cooling down, it can be used normally.
2. When top cover is not closed surely, the machine can not run. Please put cover handle down with care.



Maintenance

It is possible to extend a life of washing machine with an appropriate maintenance.

Water inlet hose connecting port

For the prolonged use, the filter net is very easily blocked. Please clean it in the following way.

1. Turn off the faucet.	2. Turn on the power and press WATER LEVEL key.	3. Confirm if top cover is closed.	4. Press START /PAUSE key. The water in the hose has been drained about 10 min later. Then turn off the power.	5. Dismantle water inlet hose. Caution Twist connecting part, not hose.	6. Clean the filter net. Caution Remove the filter net and clean it.

Lint filter box

Clean it each time washing is finished.

1. Detach lint filter box from washing tub.
2. Clean lint filter box and the tub side.
3. Attach lint filter box on washing tub to a downward direction.

Washing / Spin Drying tub

1. Each time after washing, please turn off the faucet and power. (If necessary, please dismantle water inlet hose.)
2. Please wipe the water in the tub away after washing as soon as possible.
3. Be sure to pull out the plug from the plug socket during maintenance.
4. Hanging Power cord and drain hose is desirable.
5. Please open top cover for about 1hour after wiping the water and the persistent dirt in the tub away cleanly with clean and soft cloth.
6. Please do not use solvents such as alcohol, cleanser and so on, because they may cause damage to the surface of the tub.

Additional operating procedure

FRAGRANCE

<p>1. Press POWER ON/OFF key.</p>	<p>2. Press COURSE key, and select the necessary course.</p>	<p>3. Press FRAGRANCE key, and turns on the light.</p>	<p>4. Press START/PAUSE key.</p>

CHILD LOCK



While the power supply is "ON" status, hold down "FRAGRANCE" key for 3 seconds. After emitting a beep, "L" is displayed for 3 seconds, and then the machine is locked. (If you want to cancel, hold down this key for 3 seconds again)

CLEAN WASHING / SPIN DRYING TUB



While the power supply is "ON" status, hold down "WATER LEVEL" key for 3 seconds. After emitting a beep, "C" is displayed for 3 seconds, and then the machine starts to clean the washing / spin drying tub. (This course adds a cleaning process, at the end of spinning, and prevents secondary contamination on the tub)

Instruction on washing courses

Automatic sensing function

The washing machine selects the way to wash with sensing the weight of clothing. The way includes water level, current of water and running time. When you select water level or change the specific course manually, the automatic sensing function does not work. In the case of operating the automatic sensing function, there should be no water or extremely little water in the tub.

<p>1. Press POWER ON/OFF key.</p>	<p>2. Press COURSE key, and select NORMAL course.</p>	<p>3. Press START/PAUSE key.</p>
<p>4. The machine generates a beep and turns off when it finishes the course.</p> <p>Caution If you select water level as desired in the normal course, the automatic sensing function does not work.</p>		

AIR DRY



- | | | |
|---|---|----------------------------------|
| <p>1. Press POWER ON/OFF key.</p> | <p>2. Press AIR DRY key, and put the light on it.
Display represents drying time:
30min → 60min → 90min → 0</p> | <p>3. Press START/PAUSE key.</p> |
| <p>4. The machine generates a beep and turns off when it finishes the course.</p> | | |

Self-decided washing course

Only spinning etc.

1

Ex. Only rinsing and spinning



Put the clothes in the tub,
and press Power ON/OFF key.

- Select the course as necessary .

2



Select the necessary processes.

- Before starting of rinsing, please select [Water level].

In the cases below

Only spinning →

SPIN

Only draining →

(In case of only draining, please keep the top cover open.
The machine displays [E2] when it finishes draining.)

- Reuse of detergent liquid → (There is detergent liquid left in the tub)

WASH

3



Press START/PAUSE key.

- Put in detergent as necessary, and close the top cover properly.

Additional operating procedure

RESERVE



1. Press POWER ON/OFF key.



2. Press COURSE key, and select the necessary course.



3. Press RESERVE key, and set the time as desired. Display represents reservation time: 1hr → 24hrs.



4. Press START/PAUSE key.

5. Start the reservation program.
6. The time setting counts down to show the remaining time.
7. The machine generates a beep and turns off when it finishes the course.

SOAK



1. Press POWER ON/OFF key.



2. Press SOAK key, and set the soaking time as desired. Display represents soaking time (11 steps):
5min → 10min → 20min → 40min → 60min → 2hrs → 3hrs → 4hrs → 8hrs → 12hrs → 24hrs



3. Press START/PAUSE key.

4. The machine generates a beep and turns off when it finishes the course.