

# MICRO-NANO BUBBLE GENERATOR ASG1

## OPERATING MANUAL



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## Caution

1. After connecting ground and plug in, please confirm the operation of short protection breaker and auto shut-off function. This should be repeated monthly to make sure the safe operation.

Plug in

Depress reset button -> Power on

Depress test button -> Power off

Depress reset button again -> Power on

Give machine vibration or tilt the machine more than 50 degree

Machine should be turned off. (If not, contact us)

Depress reset button to operate.

2. Please DO NOT disassemble the machine. Use original parts if replacement is needed.
3. Make sure NOT to use loose electrical outlet.
4. Make sure to connect the ground wire attached to the plug.

Plug with safety protection (Test and Reset buttons)



## Connecting hoses and pouring prime water

1. Place the machine in horizontal secure place.
2. Connect both inlet and outlet hoses as marked.
3. Pour 1-2 litter of water from inlet hose.
4. Pouring prime water may be needed when you relocate the machine.

Outlet hose (left) Intake hose (right)



The hoses are connected to the right places.

### Standard setting position:

Water line should be 10-30cm under machine.

Install the machine on flat place.

Horses should be connected firmly.



### How to connect horses to the machine.

Pull light green cover and connect. See pictures below.



Release the light green cover after push to the end.



● OGood

×Bad

## Operation

1. Make sure the machine is set on secure place.
2. Make sure the reset button is depressed (warning light is off) and ground wire is connected.
3. Make sure the hoses are connected to the right place.
4. Make sure there is enough prime water in the machine.
5. Turn the switch on for continuous operation.

Note:

Do not lift inlet hose from water surface during the operation.

Do not remove the nozzle.

### ● On/Off Switch

Up (ON)

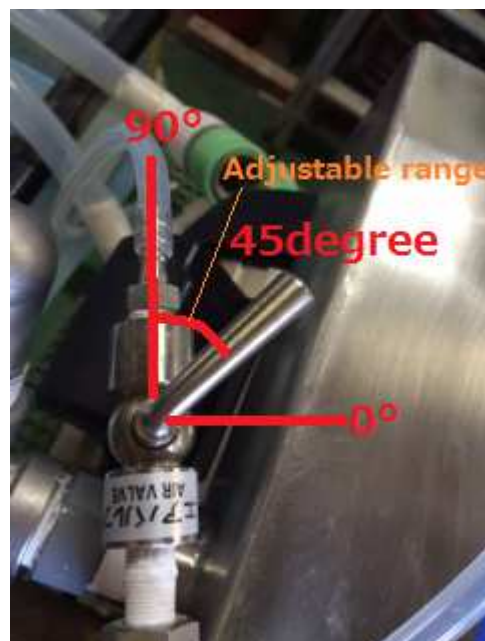
Down (OFF)



Sometime water come out from air vent while. It is not unusual.

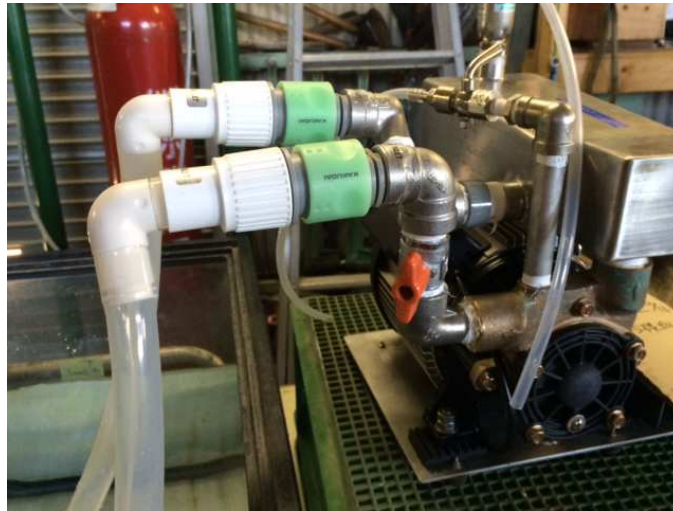
### ● Adjusting flow of air intake.

It is adjusted at 45 degree when we dispatch the factory. Please find the best position while watching bubbles generated.





●Suction valve(orange one in the picture below on ): It should be always open while operating. It is shut 45 degree or less when the machine is installed under the water line to reduce falling pressure of water.



### Specifications:

MODEL	ASG1
CAPACITY L/min.	11-13
WEIGHT kg	14
POWER SUPPLY V	AC100
POWER CONSUMPTION Kw/h	550
DIMENSIONS H×W×D mm	360 × 255 × 300