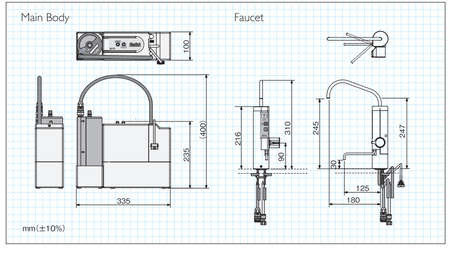
Specification

Prodcut name, model,number		Alka-Rich NDX-501LM
Power supply		AC 220V-240V 0.9A 50/60 Hz
Power consumption		180 W (Maximum) About 3.6 W(during standby)
General name		Continuous electrolyzed water generator
Main body	Dimensions	335 mm in width x 100 mm in depth x 240 mm in height
	Weight	About 3.6kg (full with water) About 3.2kg (emptied and dried)
Cartridge	Dimensions	108 mm in width x 89 mm in diameter x 272 mm in height
	Weight	About 2.0 kg (full with water) About 1.2kg (emptied and dried)
faucet	Dimensions	60mm in width x 190mm in depth x 310mm in height
Type of Water intake		open and close by solenoid valve
Electrolysis Main body	Electrolysis method	Continuous electrolysis method
	Generated water flow rate	Ionized alkaline water: about 3.2L/min(±10) Ionized acidic water : about 0.8L/min; Purified water: about 3.2 L/min (±10)
	Generated water ratio	Ionized alkaline water / acidic water 4 : 1
	Electrolysis level	3 stages(Excluding purified water) ・Level Low: pH8.0 ～ pH8.5 ・Level Middle: pH8.5 ～ pH9.0 ・Level High: pH9.0 ～ pH9.5 *The above pH value is a guide and will change depending on the influence of water quality. *By switching the mode (fixed-current),it will be all 6 stages.
	Acidic water(Not drinkable)	Estimated pH: pH4.5～pH6.5 Please use for face washing and cleaning kicthen,wares.

Estimated duration in continuous use	About 30 minutes (standard),About 10 minutes (the settings of "electrolysis level: high" and with the fixed-currant mode)
Electrode cleaning	Automatic reverse electric cleaning
Flow rate of filteration	4.0 L/min * under 0.1 MPa
Applicable Minimum water pressure	0.1 MPa *Applicaable lowest water pressure
Material of filter	Activated carbon , Hollow fiber membrane , Nonwoven fabric
Water purification capability	Residual chlorine — Filtration capacity 12,000 L Turbidity — Filtration capacity 12,000 L Soluble lead — Filtration capacity 12,000 L CAT (agriculture chemical) — Filtration capacity 6,000 L 2-MIB (mold odor) — Filtration capacity 6,000 L Total Trihalomethanes — Filtration capacity 6,000 L Chloroform — Filtration capacity 6,000 L Bromodichloromethane — Filtration capacity 6,000 L Dibromochloromethane — Filtration capacity 6,000 L Bromoform — Filtration capacity 6,000 L Tetrachloromethane — Filtration capacity 6,000 L Trichloroethane — Filtration capacity 6,000 L
Other removable substances	Iron(particulates) Aluminum(neutral)
Eastimated time of replacing filter cartridge	Lifespan: Approx 12 months for free residual chlorine (Subject to using 33 liters a day.) The time of replacement varies depends on substance in the water.

Dimension



■Unique Selling Point of NDX-501LM:

1.A lever that maintains a stable pH at all times and pursues ease of use.

Changed water discharge / stop from the conventional button type to a multi-lever.
It maintains a stable pH and makes the best use of the performance of the equipment.
In addition, everyone from the elderly to children can operate it as if they were drinking water.

2. With safe hygiene management and an automatic cleaning function that maintains high performance for a long time.

It automatically cleans the minerals deposited in the electrolytic cell such as calcium, making it difficult for them to adhere to the electrode plate and maintaining the electrolytic level for a long time.

3. Equipped with a cartridge replacement notification function that can be seen at a glance.

A signal lamp will inform you when to replace the cartridge. When it is time to replace it, the signal lamp turns red and anyone can tell at a glance.

Manufactured by OSG Corporation Co., Ltd.

OSG Corporation Co., Ltd.

Tokyo sales headquarters office
Mita43MT Bldg.7F, 3-13-16, Mita , Minato-ku, Tokyo, 108-0073, Japan

Osaka head office
1-26-3, Temma, Kita-ku Osaka-shi, Osaka, 530-0043, Japan

http://www.osg-nandemonet.co.jp/

Distributor

"Alka-Rich" is the product of OSG, being the cutting-edge of technology of water

OSG founded in 1970s is diversified water -related manufacturer and seller such as water purifier, water ionizer and machine out-putting sterilization for medical apparatus.
Product line of water ionizer includes not only home-use, but also commercial-use for famous hotels and restaurants, and industrial-use for beverag e maker. "Alka-Rich" products are based on over 50 years of expe!ience of water technology.

Our end-user

Beverage maker
Asahi Soft Drinks , Asahi Beverage
Sapporo Beverage , Suntory Beverage & Food Lid.,
Etc.

Food Processing Company
Yamazaki Baking Co., Lid., , Yakult Honsha Co. Lid.,
Fujiya Co.,Ltd , Daiichi Foods Corp
Etc.

Dairy Products Manufacturer
Meiji Dairies Corp , Megmilk Snow Brand Co.,Ltd
Koiwai Dairy Products Co.,ltd.,
Etc.

Medical Institution
Hokkaido Circulating Organ Hospital
Iwate Prefectural Center Hospital
Tohoku University Hospital
Musashino Red Cross Hospital
The Nippon Dental University
Etc.

Hotel, Restaurant
Rihga Royal Hotel, Osaka Hotel Okura, Kobe
Kagaya , Sushizen , Mitsui Urban Hotel
Etc.

Others
Riken
Principal transport facilities Theme park
Government and municipal offices
National and public universities
Etc.

UNDER SINK STYLE

Presenting wonderful water For your health and lifestyle

Electrolyzed hydrogen water, Plenty of hydrogen

アルカリッチ
Alka-Rich
NDX-501LM



Electrolyzed hydrogen water that is close to family life, from drinking, cooking, to washing your face.

Stylish water ionizer, Under-sink type.





Alka-Rich (NDX-501LM)

Cartridge for replacement (AR501K)

1 Always maintain a stable pH. Easy-to-use multi-lever.

Changed water discharge / stop from the conventional button type to a multi-lever. Maintains a stable pH and makes the best use of the performance of the equipment. In addition, elderly people and children can operate it very easily.

2 With safe hygiene management and an automatic cleaning function that maintains high performance.

It automatically cleans the minerals deposited in the electrolytic cell such as calcium, making it difficult for them to adhere to the electrode plate and maintaining the electrolytic level for a long time.

3 A 6-step electrolytic adjustment function that produces stable electrolytic hydrogen water.

It is a 6-step electrolysis adjustment function that can always maintain the optimum pH. 3 stages(electrolysis mode:following-rate (standard) and fixed current) 6 stages in total.

4 A function to notify you of cartridge replacement at a glance.

A signal lamp informs you when to replace the cartridge. When it is time to replace it, the signal lamp turns red and anyone can tell at a glance.



5 Easy one-touch cartridge replacement.

Replacing the cartridge under the sink is a great stress for the elderly and women. This product is independent of the cartridge from the main body, and since it uses a coupler at the connection destination, it can be replaced with one touch without tools.

An unprecedented reborn undersink style. It is compact and can be stored in any space.



"Slim & compact" Neatly under the sink " Slim and Compact "

Make effective use of the space around the kitchen. Designed with concept main body of Water ionizer and cartridge can be installed under the sink.

Considering the environment and ease of use, this form was the correct answer.



A signal lamp that is easier to use and see for children and the elderly.

- Light blue when electrolytic hydrogen water is selected.
- Lights green when purified water is selected.
- Light pink when acidic is selected.

Electrolyzed hydrogen water / purified water selection button

Easy design that changes the type level of water that comes out each time you press it.



- Purified water
- Level (Low)
- Level (Middle)
- Level (High)

* Maintains the display of the type and level of water that comes out even when passing water.

Purified water — Purifies 2 more substances from the 12 conventional substances. Equipped with a more advanced and high-performance cartridge.

Safe water after removing harmful impurities can be used to make milk for baby. Also use safe purified water for taking medicine.



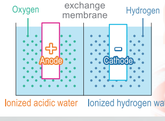
Our hollow fiber membrane has a hole size of 0.1 micrometer, not allowing to pass through the particle of bigger then that size.

Residual chlorine	Chloroform
Turbidity	Bromodichloromethane
Soluble lead	Dibromochloromethane
CAT(agriculture chemical)	Bromoform
2-MIB (mold odor)	Tetrachloromethane
Total Trihalomethanes	Trichloroethane
Iron(particulates)	Aluminum(neutral)



Electrolyzed hydrogen water — Electrolyzing to generate 2 kinds of water

Pour purified water after removing the impurities like chlorine into the electrolyzing chamber and generate alkaline water from cathode side and acidic water at anode side.





Ionized acidic water — Unique and characteristic of water

Acidic water is generated at anode side. Useful for washing face and cleaning kitchen-wares.

