

## TWINSTAR YOTTA

The safest way to kill pathogens without a harmful effect on fish and all aquarium life.

YOTTA<sup>+</sup>

## STERILIZER FOR FISH TANK

Sterilizing effect of 99.9%. Safe sterilization.

YOTTA<sup>+</sup>

YO



YOTTA

Double sterilizing power and triple life span in comparison with an UV-C Sterilizer.

## TWINSTAR EFFECT

### AN AQUARIUM IS NOT CLEAN AS YOU THINK.

There are various of pathogens and mold in the air. They will deposit themselves in the aquarium and if the environment is suitable for their living, they will quickly reproduce. This is similar to bread getting covered with mold during the summer, due to higher temperatures and humidity.

As the fish and shrimp are fed, more food will be available for the pathogens and mold, which combined with warm temperatures and humidity, a perfect environment is made for them to proliferate. TWINSTAR protects fish and shrimp by sterilizing 99.9% of the pathogens and mold that flow irregularly in an aquarium, while causing no harm to the beneficial bacteria found on the filtration systems.

### THE CAUSE OF FISH DISEASES.

Fish diseases are caused by a combination of 3 factors, such as the environment, immunity issues and fish pathogens. If the water condition is bad and fish pathogens increase, they will become infected.

Pathogens are everywhere, in the air and water. Continually they flow in the aquarium tank and quickly adapt to new environments.

If fishes immunity decreases due to temperature or water conditions, pathogens will infect them with a disease.

### THE LEADING INSTITUTION SPECIALIZED IN MARINE AREA, KNIFS(KOREA NATIONAL INSTITUTE OF FISHERIES SCIENCE) CERTIFIED THE TWINSTAR'S STERLIZATION EFFECT.

TWINSTAR was evaluated in collaboration with KNIFS. Tests for killing fish pathogens were conducted 1200 times optimizing TWINSTAR performance.

Evaluation of sterilization performance passed through E.coli Test and aquarium fish pathogens, such as Saprolegniasis, Columnaris , White clouds disease, Edward disease, Herpes virus.

### DOUBLE STERILIZING POWER.

### TRIPLE LIFE SPAN IN COMPARISON WITH UV-C STERLIZERS.

TWINSTAR effectively kills pathogens with strong sterilizing factors, so it doesn't need to run 24 hours like an UV sterilizer.





## TWINSTAR YOTTA

Powerful but a safe sterilizing effect.



**TWINSTAR STERILIZER**

No harmful effect on any aquarium life and filtration bacteria.



TWINSTAR YOTTA PLUS. 50-450 LITERS  
THE BIGGEST CAPACITY

THREE MODES | THE REACTOR MODEL : M9

**TWINSTAR YATTA. 50-250 LITERS**

TWO MODES | THE REACTOR MODEL : M7







**TWINSTAR S5. 30-120 LITERS**

M3 : ONE MODE | THE REACTOR MODEL : M5

M5 : TWO MODES | THE REACTOR MODEL : M5

# TWINSTAR PERFORMANCE

PATHOGENS TESTED

12

E.Coi, E.Tarda, S.Aureus, Edwards, etc.

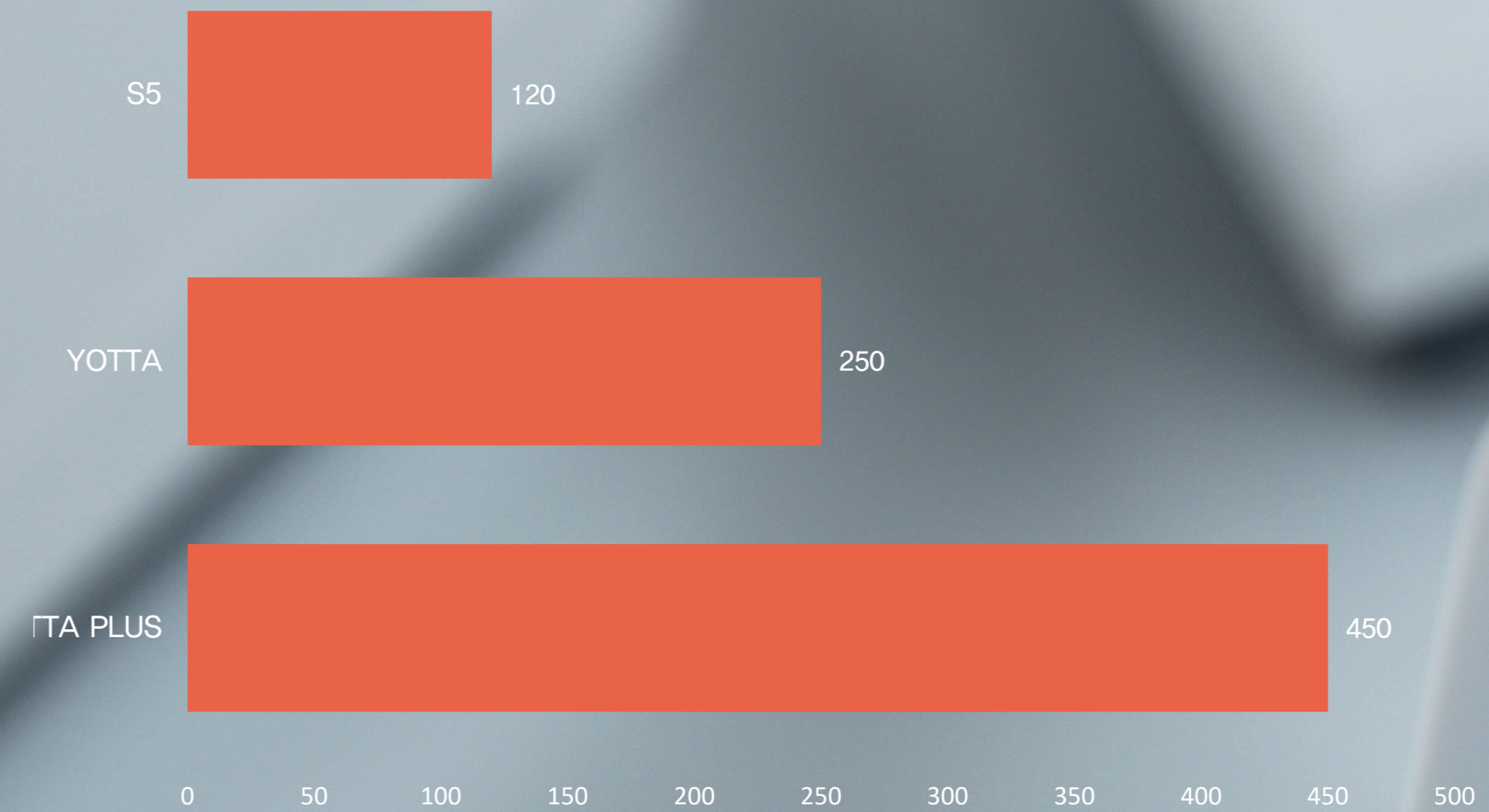
TYPE

3

Well-known research institutions validated 99.9% of sterilizing effect  
- KTR (Korea Testing and Research Institute)  
- KNFRDI(Korea Fisheries Research and Development Institute).

PUBLIC CERTIFICATION  
AUTHORITY

Capacity(Liters)



A group of colorful discus fish swimming in an aquarium. The fish are in various colors including orange, red, blue, and white with intricate patterns. The background is dark with some light particles.

## TWINSTAR YOTTA

TWINSTAR sterilizes fish pathogens in a safer way than medicine and has no harmful effect in the aquarium life.

# TWINSTAR

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