

# RIPURI Water Purifier Stainless Steel Bottle Certified by NSF



Certified by



Prepared by T-Cross

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# ◆ Company Introduction

T-Cross devotes itself to the study and research of environment and water to suggest a vision for our next generation to live in clean environment and keep warm humanism. Since its foundation in March, 2002, T-Cross has developed and exported stainless steel vacuum bottle, mug and tumbler. In 2005, it lined up its major products with products for water and environment including Ripuri which is portable smart water purifying tumbler and substitutes for plastic water bottle like pet bottle. Ripuri not only contributes to carbon reduction project by decreasing emissions of carbon dioxide but also purifies low cost tap water so that everyone can drink without concern. T-Cross is a company of R&D and manufacturing which has built mass production line for Ripuri through cooperative works. Ripuri is made of high class eco-friendly semi-permanent stainless material which inhibits reproduction of bacteria and makes water keep natural taste and its filter uses coconut charcoal.

Company name 'T-Cross' has meaning that professional groups of professional companies by business area in Korea need to concentrate their power for cooperation. By understanding environment from the point of human which is core of professional group and applying developing technology to product development by making use of technology for environment and biotechnology, it completed water purifying tumbler in 2005 after 7 years of efforts for development. The purpose of the development is to supply purified water to any area of the world in which people experience difficulties due to lack of water caused by global warming, increase of sea temperature and disaster. Ripuri is a solution for the difficulties for the areas in the world in which water lacking happens frequently without warning as it is portable water purifying tumbler with which people can purify water instantly to drink no harmful water safely and healthy. The product has been certificated by NSF, world certification institute after test for the product that can be used in any place in the world as a complete product for the first time.

T-Cross contributes to low carbon green energy project, environment by substituting instant plastic water bottle and first of all, it devotes itself to development of product such as water purifying tumbler that can help people experiencing cardiovascular disease, skin cancer etc. caused by contaminated water. It provides the product which meets to water quality by each country and it keeps its utmost in product development considering help on humanitarian level.



# ◆ Description of RIPURI Water Purifier Stainless Steel Bottle

- Certified by NSF
- Approved by FDA
- 2 Steps of Filtration Method, Molecular & Physical Filtration System
- 99.9% Filter Rate for Heavy Metals, Industrial Waste, Viruses/Micro Organisms & Restoring pH Balance
- BPA Free & Environment Friendly Stainless Steel Bottle
- It can also reduce residual chlorine(taste and odor) up to 99%
- 1 Filter is equal to 600 plastic bottles with 500ml size (300L of water, continuous using for 3 months)
- The coconut fiber carbon filter of RIPURI can treats water available from tabs rivers, valleys and even water with natural impurities in an emergency situations
- Excellent Filtration Performance ( green tea can be filtered into pure water)
- Exported to USA(Amazon), Congo and Chile, Expected to export to China and to a overseas' military base and Under negotiation with other countries



# ◆ NSF Certification for T-Cross

**NSF International**

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

**T-Cross**

Republic of Korea

AS COMPLYING WITH NSF/ANSI 42 AND ALL APPLICABLE REQUIREMENTS.  
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE  
AUTHORIZED TO BEAR THE NSF MARK.



ANSI Accredited Program  
PRODUCT CERTIFICATION  
#0218  
Certification Program  
Accredited by the  
American National  
Standards Institute



Certification Program  
Accredited by the  
Standards Council  
of Canada

This certificate is the property of NSF International and must be returned upon request. This certificate remains valid as long as this client has products in Listing for the referenced standards. For the most current and complete Listing information, please access NSF's website ([www.nsf.org](http://www.nsf.org)).

September 26, 2016  
Certificate# C0307764 - 01

Tina Yerkes  
General Manager, Water Systems



# ◆ NSF Certification for RIPURI Models

## ➤ Current Registration Status

### T-Cross

#102 Woorim e-Biz Center 35  
Gwangnauro-6gil, Sungdong-Ku  
Seoul 133820  
Republic of Korea  
82 2 2024 2117  
[Visit this company's website](#)

**Facility :** Daejeon, Republic of Korea

Brand Name / Trade Name / Model	Replacement Element	Service Cycle (gallons)	Flow Rate (gpm)	Claim
<b>Sports Bottle[Pb]</b>				
TC-R500S	TC-F300	79.25	N/A	Chlorine Reduction Taste and Odor Reduction
TC-R600S	TC-F300	79.25	N/A	Chlorine Reduction Taste and Odor Reduction
TC-R700S	TC-F300	79.25	N/A	Chlorine Reduction Taste and Odor Reduction
TC-R800S	TC-F300	79.25	N/A	Chlorine Reduction Taste and Odor Reduction

[Pb] Product also evaluated and determined to possess weighted average lead content  $\leq 0.25\%$  and complies with lead content requirements for "lead free" plumbing as required by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act.

### Handok Clean Tech Co., Ltd.

13, Techno 8-ro  
Yuseong-gu, Daejeon  
Republic of Korea  
82 42 671 5671  
[Visit this company's website](#)

**Facility :** Daejeon, Republic of Korea

Brand Name / Trade Name / Model	Replacement Element	Service Cycle (gallons)	Flow Rate (gpm)	Claim
<b>Sports Bottle[Pb]</b>				
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❖ There are only two brands certified by NSF in the world, RIPURI (Korea) and Brita (Mexico) in terms of water purifier bottle





# ◆ RIPURI Water Purifier Stainless Steel Bottle Model

- Model Name : TC-R600S
- 600ml Size
- Basic Filter ( TC-F300, Classic Type)
- Certified by NSF/ANSI 42
- Material : 304 Stainless Steel, One Layer
- Colors : Silver
- Dimension : 2.76"L x 2.76"W x 10.63"H
- Origin : South Korea
- Warranty : 1 Year



# ◆ RIPURI Water Purifier Stainless Steel Bottle Model

- Model Name : TC-R800S
- 800ml Size
- Basic Filter ( TC-F300, Classic Type)
- Certified by NSF/ANSI 42
- Material : 304 Stainless Steel, One Layer
- Colors : Silver
- Dimension : 2.76"L x 2.76"W x 11.42"H
- Origin : South Korea
- Warranty : 1 Year



# ◆ RIPURI Water Purifier Stainless Steel Bottle Model

- Model Name : TC-RCP800
- 800ml Size + Pump Type
- Basic Pro Filter ( TC-FP300, Pro Type)
- New Arrival in 2018
- Material : 304 Stainless Steel, One Layer
- Side Pump Material : Rubber
- Colors : Silver
- Dimension : 3"L x 3"W x 12.60"H
- Origin : South Korea
- Warranty : 1 Year



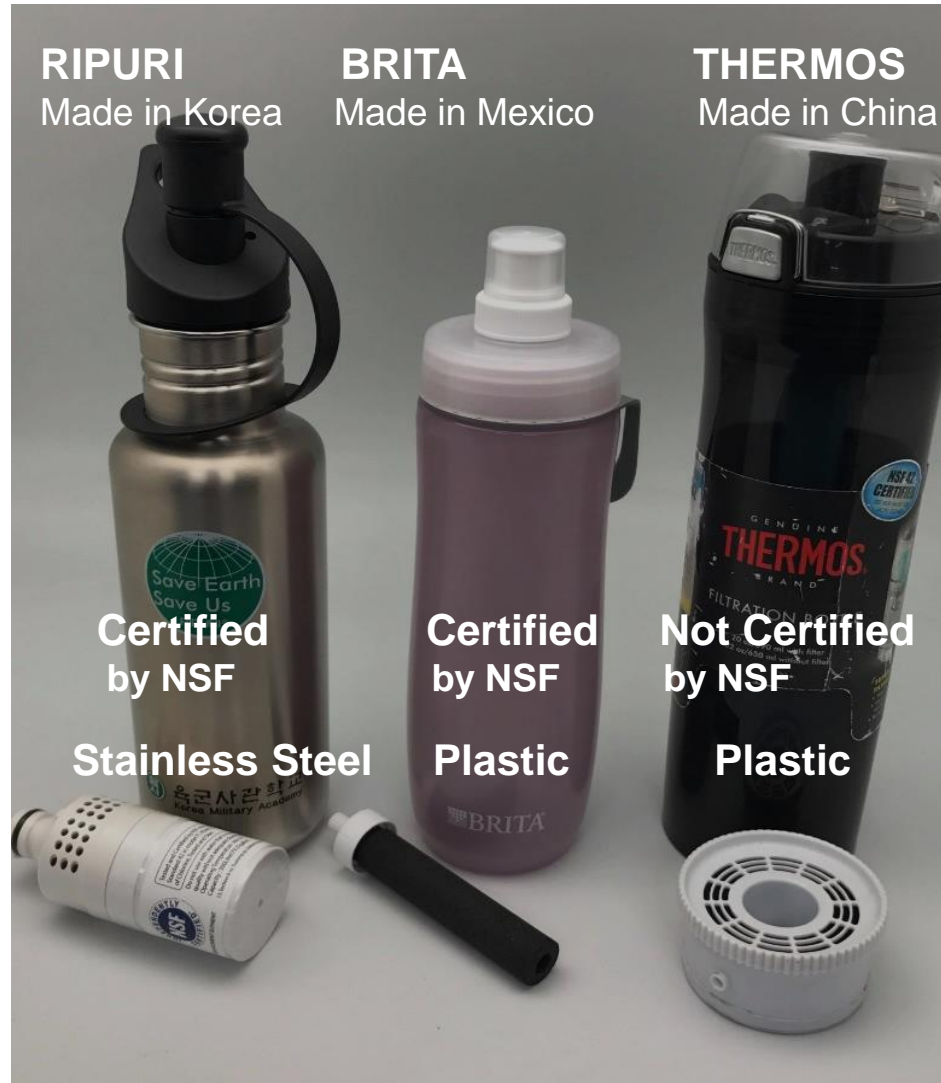


# ◆ RIPURI Filter Model

- Model Name : TC-F300
- Classic Type (Type A)
- Certified by NSF/ANSI 42
- Material : Coconut Carbon Block + ABS (Plastic)
- Colors : White
- Dimension : 1.57"L x 1.57"W x 3.74"H
- Origin : South Korea
- Warranty : 1 Year
- Suitable for Both 600ml and 800ml bottle size



# ◆ Comparison Pictures with Competitors



## ◆ Comparison Tables with Competitors

MODEL	Filter Shape	Filter Pole Thickness	Water Purifier Capa.	Capa. Of Channel	Bottle Material	Remarks
<b>RIPURI</b>	Carbon Block	1.0cm	300 litter (3 months)	4X Easier than Brita	Stainless Steel	High Grade
<b>BRITA</b>	Carbon Block	5mm	150 litter (1.5 months)	1X	Plastic	Normal Grade
<b>THERMOS</b>	Carbon Powder + Fabric	-	75 litter (3-4 weeks)	-	Plastic	Poor Grade (Carbon Powder Residue in Water)

Bottle Material	Water Taste	Tool Life Time	Usability	Biological Characteristic	Cleaning Method	Antibacterial Test with Milk at Room Temperature
<b>Stainless Steel</b>	Not Easy Changeable ( Good)	Semi-Permenant	Recycling	Bacteria Inhibotry (Metallic & Blocking Out Light)	.Easier (Just rinsing with water)	.Less Bad Smelling .Less Mold Breeding Speed
<b>Plastic</b>	Changeable (Ordinary)	6 month-1 year (Scratch & Deformation)	Downcycle	Easier Bacteria Propagation (Light & Scratch)	. Needs to clean with detergent due to smelling	. Rather Severe . Fast Mold Breeding Speed

# ◆ Quotation \_ Combo

(Currency :USD)

Article Code	Item	Description	Performance	Recommended Retail Price	Order Q'ty
					Only over 3000pcs
TC-R600S	Basic-600ml +Vaccum Bottle 550ml	(Stainless-one layer, Basic filter) +(Insulated Stainless-2 layers)	NSF/ANSI 42 (Only TC-R600S)	US\$47/PCS	US\$17.05
TC-R800S	Basic-800ml +Vaccum Bottle 550ml	(Stainless-one layer, Basic filter) +(Insulated Stainless- 2 layersl)	NSF/ANSI 42 (Only TC-R600S)	US\$49/PCS	US\$17.60



TC-R600S

+



Vacuum Stainless Steel 550ml (insulated)

or



TC-R800S

+



Vacuum Stainless Steel 550ml (insulated)

- ❖ The vacuum insulated stainless steel bottle cork has the same dimension with RIPURI's one, which enables to use the filter of RIPURI. So, consumers just buy one more filter if they want to use the vacuum insulated one as a water purifier bottle (only cold water purification is OK)







**Thank You~**

