TORY Co., Ltd

Company & Production Introduction



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1. Company Overview

Company name	TORY Co.,Ltd	СЕО	Kim Yong-ha					
Date of establishment	2016.03.11.	Business information	hydrogen generator development and producing and export					
address	5F,Remote Solution Building, 68, 140beon-gil, Gongdan- ro, Gunpo-si, Gyeonggi-do, KOREA							
Sales of 2016	900,000,000 KRW							
Home Page	<u>www.tory-co.kr</u>							







3. Business background

As people get older, they become wrinkles, aging, and diseases. What caused the problem?

Did you know that the culprit is due to the unnecessary active oxygen inside the human body?

What is active oxygen?

Active oxygen is the oxygen in a strong unstable state of oxidizing power.

It is occurs during the biological defense process to remove pathogens and foreign matter.

Although active oxygen some times plays a role in protecting the human body, active oxygen, which is produced by overproduction of oxygen due to environmental pollution, chemical substances, ultraviolet ray, blood circulation disorder, stress, etc., oxidizes in the human body. As a result, cell membranes, DNA, and all other cell structures are damaged, and depending on the extent of damage, the cells lose their function or become altered.

Approximately 90% of modern human diseases are known to be associated with active oxygen. To prevent such diseases, it is necessary to eliminate the active oxygen in the body.

Antioxidants, which can remove active oxygen, such as vitamin E, vitamin C, uric acid, bilirubin, glutathione, carotene, etc. But there is a limit to ingesting these antioxidants in a natural way.



Is there any way to easily ingest harmless antioxidant substances?



The correct answer is hydrogen(H₂-).

More than 250 research results are available at the international journals level, such as 1997 BBRC, S.Shirahata, 2007 Nature Medicine, OTASIGEO, 2013 PLOS ONE, M.shin, etc. And studies such as clinical trials in Japan are expanding.

The principle that hydrogen removes active oxygen

- Hydrogen has a very small molecular size, so it is strong in penetration. When hydrogen is ingested, it absorbs quickly into the human body, combines with active oxygen in the body, converts it into water, and discharges it to the outside of the body.
- Research shows that by removing active oxygen, hydrogen can prevent diseases such as adult diseases, stop disease progression, or treat diseases. It is also said that hydrogen has excellent effect on anti-aging and skin beauty.





It destroy cells





It combines with active oxygen and be converted into water (H2O) and is discharged safely out of the body.

TORY WILL DO IT

The answer is hydrogen generator => H₂ Noble α

> The components of the product:



Product specifications :

Production name	H_2 Noble α	Model name	TRJ-HG001			
	body (mm)	136(W) X 246(D) X 311(H)				
Size	mask (m)	2				
5120	cup (mm)	86(R) X 175(H)				
	tube (m)	1				
	body (g)	2,540				
Weight	mask (g)	80				
	cup (g)	216				
	tube <mark>(</mark> g)	25				
Rated voltage	AC100V/220V, 50/60Hz					
Maximum power consumption		50W				
The capacity of	MAX(ml)	870)			
Distilled water tank	MIN ~ MAX(ml)	466	6			



- The purity of the hydrogen generating(99.99%) Concentration of inhaled hydrogen (2-3 %) This is the highest level of Japanese hydrogen generator industry
- High precision of electrode junction technology and high uniformity of hydrogen generation technology.
- Low voltage high current circuit technology (constant current control circuit technology)

> Marketability

• The hydrogen-related market in Japan is expected to reach 200 billion won in 2013 and 250 billion won in 2014.

(Japanese hydrogen-related market, Health Industry Newspaper No. 1506 in 2013)

- Expansion of the Japanese market is underway (3rd order, production, delivery completed, 11/25)
- In order to further expand our overseas customers, we have created a product proposal and are now working on pioneering new buyers.

4. Production -- H_2 Noble α

The three way hydrogen generator!

- ✤ 100% Developed and manufactured in Korea.
- three functions in one product : Hydrogen gas inhalation, hydrogen water making and hydrogen bath.
- It is in mass production and being exported to Japan.
 PSE certification of Japan Electrical Product Safety Mark has been Acquired.
- High hydrogen concentration has been achieved.



4-1. Hydrogen generator H₂ Noble α - Hydrogen gas maker -

- Inhaling hydrogen gas~
- People can take hydrogen molecule by three way. There are Inhaling, drinking and penetration. Inhaling the hydrogen gas is the most direct way and it is also the way exactly effective .
- H₂ Noble α can produce high purity of hydrogen gas by electrolyzing purified water.
- * You can use dedicated hydrogen inhalation mask to inhale fresh hydrogen gas from hydrogen generator.
- * The Hydrogen gas can be produced in 100ml per minute and high hydrogen concentration has been achieved.





4-2. Hydrogen generator H₂ Noble α-Hydrogen water maker-

- Drinking hydrogen water~
- * H₂ Noble α can produce high purity of hydrogen gas by electrolysis of purified water, and dissolve hydrogen in various beverages.
- * You can easily intake hydrogen by drinking water with enough hydrogen molecules. At the same time you can also have your daily water supply.
- The water, tea and even the juice what you preferred can be simply turned into a hydrogen drink.





4-3. Hydrogen generator H₂ Noble α – Hydrogen bath maker –

Enjoy hydrogen water bath~

- * Using a bath nozzle (sold separately), you can even enjoy hydrogen bath at home! By dissolving hydrogen in bath water, you can simply enjoy hydrogen water bath and take hydrogen into your whole body.
- * You can relax your body by hydrogen water bath. Hydrogen molecules will penetrate all over the body.
- * It is good for fatigue recovery, blood circulation and activation of metabolism by promoting blood flow and increasing body temperature.
- So beauty and diet effects are expected. It is said to be especially effective for skin diseases such as atopy.





5. Attached documents

- 1. Business registration certificate
- 2. Factory registration certificate
- 3. PSE certificate
- 4. Japanese Government Quarantine Certificate
- 5. Hydrogen generator hydrogen purity report

Attached 1. Business registration certificate Attached 2. Factory registration certificate

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	회사명	전	화번호						
	(주)토리	C	31) 348-5656						
UTIO	대표자 성명	생	년월일(법인등록번호)						
신청인	김용하	1:	35811-0288291						
	대표자주소(법인소재지)								
	경기도 군포시 공단로140번	길 68, 5층 (당정동)							
	공장소재지		지목 보유구분						
	도로명 : 경기도 군포시 공단로140년		공장용지 자가 [
	지번 : 경기도 군포시 당정동 174-3		: 임대 [›						
등록 내용	공장등록일 2016-11-14 공장의 업종(분류번호) 그외 2	사업시작일 2016-03-11	종업원수 남:4 여:2						
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Attached 3. PSE certificate

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Attached 4. Japanese Government Quarantine Certificate

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bitter after here							株式会社 パーソンライフ 殿		
平成28年7月	5日 に当協会に依頼され	た供試品につ	広島	由市中区 広	、瀬非	あることを証明します。 上町9番目 環境保健協会	平成28年7月15日 に当協会に依頼された供試品について試験した結果、下記のと 広島市中区広 一般財団法人 近	續北町 9 福	
品名および M ブランド名 材	k素吸入器 部品 MEA GASKET 対質:シリコンゴム (色・形状:別紙写真のと	おり)	貨物の記号 及び 番号	CCL 9326			本素吸入器 部品 品 名 および	13	
前入数重量	70 0.0005	SET KG	着港年月日	2016 年	7月	2 月	輸入数重量 15 SET 着港年月日 2016 年 7	月 14 日	
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ス業者名 床高県広島市中区上八丁堀4-1 所 アーバンビューグランドねワー10F			GYEONG	GI-DO	, KOREA	輸入業者名 株式会社 パーソンライフ 広島県広島市中区上八丁堀4-1 1556BEON GYEONGC	-GIL, SUWON I-DO, KOREA		
	通 関 業 者 名 株式会社 ヒロクラ 話 番 号 082-502-1185 電 話 番 号					7	ー アーバンビュークランドタワー10F 通 関業者名 株式会社		
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し本持出包括申請 金体採取及び		人 広島県環	境保健協会				見本持出包括申請書番号 34002475460		
<u>検査に関する連絡先</u> 環境生活センター TEL (082)293-1514 検体採取者名 中川 圭太							検体採取及び 検査に関する連絡先 環境生活センター TEL (082)293-1514		
		王人					検 体 採 取 者 名 吉原 正雄		
試驗檢查結果 檢 查	項目	检查结果	定量下限	基酒值	備老	検 査 方 法	試驗檢查結果		
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備 考 1 浸出条件	とは、定量下限を下回る キ:60°C 30分 浸出)	ことです。 用液:4%酢酸 用液:水					本結果は、当機関が認可を受けた業務規律に準じ、厚生労働省令で定める基準 した検査によるものです。 「検出されず」とは、定量下限を下回ることです。 備考 1 浸出条件:60°C 30分 浸出用液:4%許能 2 浸出条件:60°C 30分 浸出用液:水	に適合する方	伝で実质

Attached 5. Hydrogen generator hydrogen purity report(99.99%)



원본확인번호 : 9690-9192-8573-3558

KRISS Kens Result betweet b

시험번호 Report No.: 1601-00800-001

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 - 전주대학교 산학협력단에서 의뢰한 수소발생장치(물 전기분해 장치)에서 발생한 수소 순도 및 불순 물 분석 시험결과는 다음과 같다.

성분	농도
O_2 +Ar	81.2 μ mol/mol(상대확장불확도(k=2): 3 %)
N ₂	17.6 μ mol/mol(상대확장불확도(k=2): 10 %)
CO	0.5 µ mol/mol이하
CH_4	0.1 μ mol/mol이하
$THC(C_1 \sim C_4)$	N.D(Detection limit : 0.5 μ mol/mol)
CO_2	3.9 μ mol/mol(상대확장불확도(k=2): 10 %)
H_2O	0.285 %(mole fraction), 상대확장불확도(k=2): 2 %
H ₂ 순도	99.705 %(mole fraction), 상대확장불확도(k=2): 0.001 %

• 분석장비 : GC-PDD/TCD/FID-methanator, Balance(중량법)

- 수소발생장치를 KRISS에 설치하였고 발생하는 수소가스 라인에 수분제거 트렙을 설치한 후 30
 분 이상 장치를 가동 후 고압실린더에 가스를 포집하였다.
- 수분분석은 수분트렙(Mg(ClO₄)₂)을 이용하여 총 유량 100 L를 통과시켜 중량법에 의한 무게를 측정하였다.(유속은 3.2 LPM)
- 본 시험검사에 표시된 화학량은 분석기간 동안에 취한 시료에 대한 측정량이며, 다른 시기에 대 한 화학량에 대하여는 책임지지 않는다.
- 본 성적서를 복사한 것은 성적서로서 효력이 없다.

끝(End of the Results).

