

Vital-ion

TITANIUM-GOLD

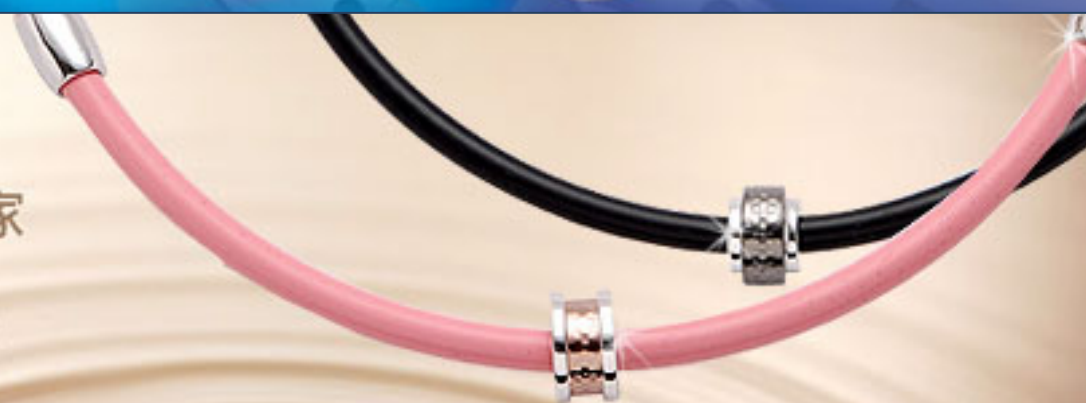
Vital-ion

原力時尚



Vital-ion

原力運動家



Vital-ion

原力套組



Vital-ion

原力時尚



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About **V**ital-ion

There are many accessories on the market today which all claim to generate therapeutic effects on the human body and they claim to make from pure “germanium” and/or “titanium”. However, apart from massive commercial marketing campaign one would question the real functionality of these expensive accessories particularly its effect on our human body.

Generally “negative ion” is the word commonly used in the market today. However not many people aware that “negative ion” is safe and beneficial to human body only when it is naturally catalysed. Natural minerals, such as germanium and tourmaline, do generate negative ions naturally. However, the quantities are very limited in number due to their large particle size thus result in very little therapeutic effect on the human body.

Although germanium is a good source in generating negative ions, its ability to generate is limited. Same with pure titanium, its therapeutic effect on human body is only theoretical explanation without any scientific/practical proving. Only by catalyzing it has limited therapeutic effect on us even if using Nano-technology its application is limited. That is why United States High Court has restricted some of the products in the market that are made from titanium and claim to have therapeutic effects on human body.

How to get negative ions that are safe and beneficial to us?

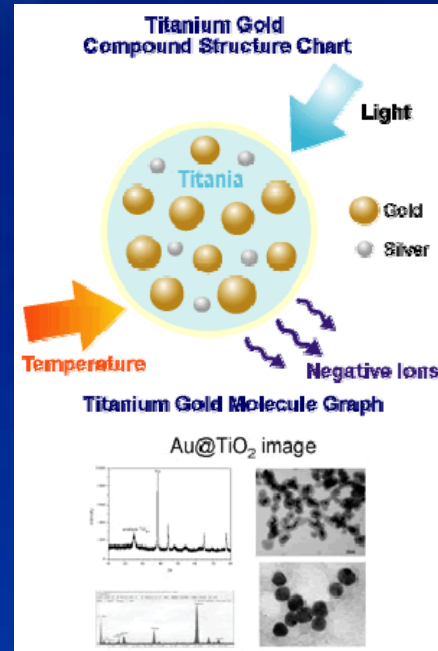
Our company has successfully using the latest technology to catalyse “**Titanium-Gold**” to generate large volume of negative ions. With ‘**Titanium-Gold**’ from Vital-ion, you can now obtain the many health benefits that negative ions generate, safely, and naturally.

Titanium-Gold

Our company has successfully co-developed a natural catalyst involving the use of nano-sized particles of gold.

This has been achieved in conjunction with the Industrial Technology Research Institute (Taiwan) and has obtained an exclusive patent authorization (Patent No. 1264326) for the breakthrough technology.

The natural catalyst technology we have developed can generate a very high quantity of negative ions and most importantly they are 100% safe.



With 'Titanium-Gold' from Vital-ion, you can now obtain the many health benefits that negative ions generate, safely, and naturally.

Technology provided by: ITRI (<http://www.itri.org.tw>)

PRODUCT APPLICATION

Muscle Pain:

Long working hours, high concentration and poor sitting postures cause neck and back pain. Wearing a "Vital-ion" necklace helps relax cramped muscles and thus reduces aching pain.

Blood Circulation:

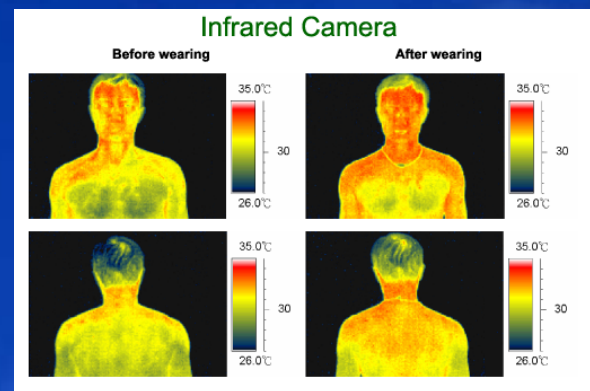
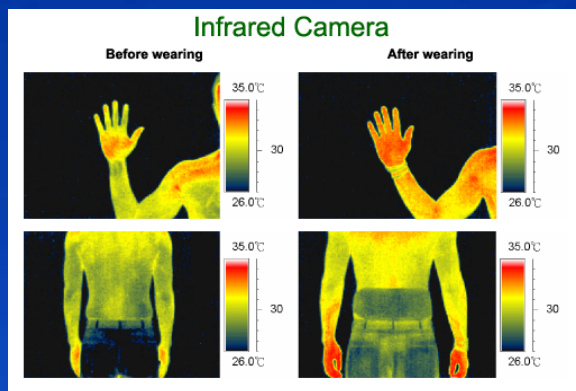
Cold hands and feet before sleep are a result of poor blood circulation. Wearing a "Vital-ion" bracelet can effectively enhance blood flow. This will increase body temperature and in particular reduce discomfort in your hands and feet.

When sitting upright and inactive for a long period of time the central blood vessels in your legs can be compressed, making it harder for the blood to get back to your heart. This occurs during long plane or car trips. Muscles can become tense, resulting in backache and a feeling of excessive fatigue. Gravity can cause the fluid to collect in your feet, resulting in swelling.

Badly design seat and an inappropriate sitting position during long driving hours in the car will also cause back pain. All of these symptoms can be soothed by wearing “Vital-ion” protective wear with socks or by placing a necklace or bracelet on the back and calves.

Sports Injury:

Muscle cramps can be caused by over-stretching the muscles, sprains and stress fractures. Wearing “Vital-ion” products can increase the speed of blood circulation, bringing more oxygen to the cells, accelerating the regeneration and recovery of cells. It also elevates the calcium level in the blood which in turn strengthens the muscles and enhances the condition of the heart.



Side Effects after Using the Products

- If an increased heart beat, fatigue or excessive heat is experienced after using our products, we strongly suggest limiting their use to five minutes daily. Thereafter the duration of treatment may be increased according to the body's response.
- The level of reaction in each person is different. Usually those who have had an operation or spinal injury will respond slowly to these products.

Notes

- Please do not pull aggressively on the product as this will caused damage or impairment to the material.
- To remove dirt and dust wash with water or a mild cleanser. Our product is manufactured with silica gel and will not lose it's effectiveness after washing.
- There is no need to remove during your bath or shower but be careful to avoid harsh rubbing. Do no put into the washing machine or apply strong corrosive or bleach.
- Wipe gently with soft cloth to dry.
- Do not expose to sun for long period and keep away from stove tops or any other high temperature area. A dry room temperature area is the best to avoid damaging the product.



SWAROVSKI Top Class Diamond (Female)

Model : VB005-2

Price : **SGD\$465.00**



Description :

- ITRI exclusive patent authorization (NO.I264326)
- Handwork, gilt Platinum & SWAROVSKI Diamond

Size : 19cm



SWAROVSKI Top Class Diamond (Male)

Model : VB006-2

Price : **SGD\$465.00**



Description :

- ITRI exclusive patent authorization (NO.I264326)
- Handwork, gilt Platinum & SWAROVSKI Diamond

Size : 20.5cm



V

原力時尚 Fashion
ital-ion



Vernus Bracelet (Female)

Model : VB003

Price : **SGD\$150.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Handwork, gilt Platinum & SWAROVSKI crystal
- Japan fashion style

Size : 16.5cm

Colour : Black, White, Pink



Vernus Bracelet (Male)

Model : VB004

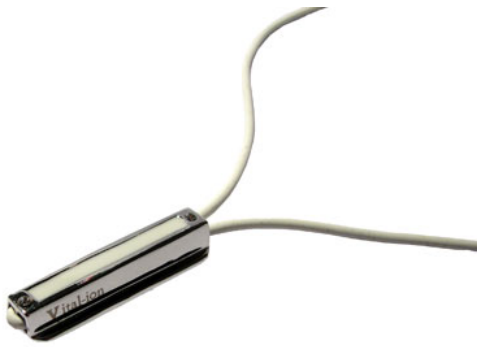
Price : **SGD\$150.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Handwork, gilt Platinum & SWAROVSKI crystal
- Japan fashion style

Size : 18cm

Colour : Black, White



Vernus Necklace (Female)

Model : VN003

Price : **SGD\$108.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Handwork, gilt Platinum & SWAROVSKI crystal
- Japan fashion style

Size : 43cm

Colour : Black, White, Pink



Vernus Necklace (Male)

Model : VN004

Price : **SGD\$108.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Handwork, gilt Platinum & SWAROVSKI crystal
- Japan fashion style

Size : 50cm

Colour : Black, White, Pink



V

原力時尚 Fashion
vital-ion



Fashion V Style Necklace (Male and Female)

Model : VN010

Price : **SGD\$66.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Fashion style with Crystal

Size : S:43cm M:50cm

Colour : Black, White, Pink, Orange



Fashion U Style Necklace (Male and Female)

Model : VN011

Price : **SGD\$66.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Fashion style with Crystal

Size : S:43cm

Colour : Black, White, Pink, Orange



V

原力運動家 Sporty
ital-ion

Rose Gold Necklace (Male and Female)

Model : VN009

Price : **SGD\$120.00**



Description :

- ITRI exclusive patent authorization (NO.I264326)
- Sporty and fashion design

Size : S:43cm M:50cm

Colour : Black, White, Pink, Blue



Black Cavalier Necklace (Male and Female)

Model : VN008

Price : **SGD\$120.00**



Description :

- ITRI exclusive patent authorization (NO.I264326)
- Sporty and fashion design

Size : S:43cm M:50cm

Colour : Black, White, Pink, Blue



A large white letter 'V' inside a circular frame, with the text 'Vital-ion' written below it in a stylized font.

原力運動家 Sporty
Vital-ion



Silicon with gilt Platinum Bracelet (Male and Female)

Model : VB002

Price : **SGD\$66.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- This gilt platinum style is designed for sporty consumer

Size : S:18cm M:20cm L:22.5cm

Colour : Black, White, Pink, Orange



Silicon with gilt Platinum Necklace (Male and Female)

Model : VN002

Price : **SGD\$108.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- This gilt platinum style is designed for sporty consumer

Size : S:43cm M:50cm

Colour : Black, White, Pink, Orange

A large, stylized white letter 'V' inside a circular frame, with the text 'Vital-ion' written below it in a light, sans-serif font.

原力運動家 Sporty
Vital-ion



Relax Style Negative Ion Silicon Bracelet (Male and Female)

Model : VB001

Price : **SGD\$48.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Simplify style

Size : S:18cm M:20cm

Colour : Black, White, Pink, Blue, Yellow



Relax Style Negative Ion Silicon Necklace (Male and Female)

Model : VN001

Price : **SGD\$90.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Simplify style

Size : S:43cm M:50cm

Colour : Black, White, Pink, Orange



V

原力套組 SUITE
ital-ion



Vital-ion V Style Necklace & Bracelet Suite

Model : VC001

Price : **SGD\$162.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Necklace and Bracelet suite

Size : Necklace 47cm Bracelet 20cm

Colour : Black, White, Pink



Vital-ion Helix Style Necklace & Bracelet Suite

Model : VC002

Price : **SGD\$162.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Necklace and Bracelet suite

Size : Necklace 47cm Bracelet 20cm

Colour : Black, White, Pink



Vital-ion Heart Style Necklace & Bracelet Suite

Model : VC003

Price : **SGD\$162.00**

Description :

- ITRI exclusive patent authorization (NO.I264326)
- Necklace and Bracelet suite

Size : Necklace 47cm Bracelet 20cm

Colour : Black, White, Pink

Titanium Gold Protector Series



Titanium Gold Sock Series



V Contact Vital-ion

TAISON NANOTECH

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The Industrial Technology Research Institute - ITRI - is a non-profit R&D organization engaging in applied research and technical service. It was founded in 1973 by the Ministry of Economic Affairs (MOEA) to attend to the technological needs of Taiwan's industrial development. ITRI has played a vital role in the transformation of the economy from an agriculture-based model to an industrial one. By year 2001 it has grown to a 6000 people operation, and serves as the technical center for industry and an unofficial arm of the government's industrial policies in Taiwan. Backed by its broad research scope and close industrial ties, ITRI is becoming an increasingly active member in the global industrial R&D community.

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中華民國專利證書

發明第 I 264326 號

發明名稱：金屬奈米光觸媒複合材料及其製法

專利權人：財團法人工業技術研究院

發明人：張仕欣、鄧嘉瑩、劉芳瑜、廖駿偉

專利權期間：自2006年10月21日至2024年12月23日止

上開發明業經專利權人依專利法之規定取得專利權

經濟部智慧財產局

局長 蔡練生



P05930044TW-5-095

中華民國 95 年 10 月 21 日



注意：專利權人未依法繳納年費者，其專利權自應繳費期限屆滿之次日起消滅。

P05930044TW

Negative Ion Measurement Report of Negative ion Material and Product 負離子材料及產品功能研究報告

協助單位：鈦順奈米科技有限公司
Samples provided from Tai Soon Nanotech SDH. BHD.

受託單位：國立台北科技大學環境規劃與管理研究所
Tested by Institute of Environmental Planning and Management, National
Taipei University of Technology
No. 1, Sec. 3, Chung-Hsiao E. Rd. Taipei 106, Taiwan, Republic of China
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主 持 人：曾昭衡 Chao-heng Tseng

研究助理：王鳳瑾 F. Wang

Aug 15, 2005 中華民國九十四年八月十五日

Report Summary 測試結果摘要表

Test: The measurement of the Negative ion generated from the sample in air
 分析: 待空氣中測物表面產生之負離子濃度。




Code 編碼	Unit 單位: ion/cm ³	High Temp and Humidity 高溫高濕 (32°C, 90°F, 100 RH%)		Low Temp and Humidity 低溫低濕 (25°C, 77°F, 53 RH%)	
		Average 平均數值	Range 數值範圍	Average 平均數值	Range 數值範圍
A	Negative ion Product (Waist Band) 負離子織品 (腰帶)	2145.5	2114~2183	2056.9	2000~2096
B	Negative ion Material 負離子礦/矽膠材料	1251.0	1181~1342	1161.8	1139~1202
C	Background 背景值	7.1	0~15	7.1	0~15

Conclusion: Many negative ions were generated on the surface of negative ion product (Waist Band). Since negative ions are generated mainly from the moisture in air, more negative ions were presented in a humid environment.

結論: 負離子腰帶織品表面會產生多量的負離子。潮濕的環境中負離子的產量會較大。

1. Samples and Test Setup 測試設備

1.1 Samples 檢測樣本

	A	B	C
Sample 檢測樣本	Negative ion Product: A Waist Band with Negative ion Material inside the textiles 負離子織品(腰帶)	Negative ion Material: Negative ion Ore/silica gel mixture 負離子礦/矽膠材料	Background: textiles without Negative ion Material 織品(無負離子材料)
Size 外觀尺寸	97cm×15.7cm	26cm×12.5cm	97cm×15.7cm
Specification 規格	25% Negative ion Ore in the Negative ion Material 25% 負離子礦	7% Negative ion Ore in the Negative ion Material 7% 負離子礦	No Negative ion Ore
Photo 圖片			

1.2 Instrument 分析儀器

Ion Tester COM-3010Pro (Sato Shoji Inc., Japan).

For the measurement of the Negative ion generated from natural ore and the ceramic.

Ion Tester COM-3010Pro's main function:

Measurements: Number of ions per unit capacity (cm³) at per second

Display unit: ions/cm³

(Real time display it by the measurement mean value and switching 20 seconds.)



Ion Tester COM-3010Pro

1.3 Procedures 檢測步驟

The numerical values were acquired by covering the object with the sensor as much as possible on the same condition, measuring ten times, omitting the highest value and the lowest value, and calculating the average.

於不同環境條件下貼近樣本測定負離子濃度 10 次，刪除最大值及最小值後平均。

2. Results 測試結果

2.1 Negative Ion Product - Waist Band 負離子織品-腰帶負離子產生量 (A)

A Waist Band with Negative Ion Material inside the Textiles

High Temp and Humidity 高溫高濕(32°C, 90°F, 100 RH%)

次數	1	2	3	4	5	6	7	8	Max	Min	Average	SD
ion/cc	2177	2183	2144	2132	2153	2114	2147	2114	2183	2114	2145.5	±25.7

Low Temp and Humidity 低溫低濕(25°C, 77°F, 53 RH%)

次數	1	2	3	4	5	6	7	8	Max	Min	Average	SD
ion/cc	2068	2060	2060	2075	2096	2066	2000	2030	2096	2000	2056.9	±29.4

2.2 Negative Ion Material 負離子礦/矽膠材料負離子產生量 (B)
Negative ion Ore/Silica Gel Mixture

High Temp and Humidity 高溫高濕 (32°C, 90°F, 100 RH%)

次數	1	2	3	4	5	6	7	8	Max	Min	Average	SD
ion/cc	1223	1328	1223	1230	1342	1251	1181	1230	1342	1181	1251	±55.5

Low Temp and Humidity 低溫低濕 (25°C, 77°F, 53 RH%)

次數	1	2	3	4	5	6	7	8	Max	Min	Average	SD
ion/cc	1167	1195	1202	1139	1139	1139	1153	1160	1202	1139	1161.8	±25.0

2.3 Background 背景值 (C)
Textiles without Negative Ion Material

次數	1	2	3	4	5	6	7	8	Max	Min	Average	SD
ion/cc	12	3	0	3	0	15	9	15	15	0	7.13	±6.4

- The end of the Report --



Infrared camera testing report

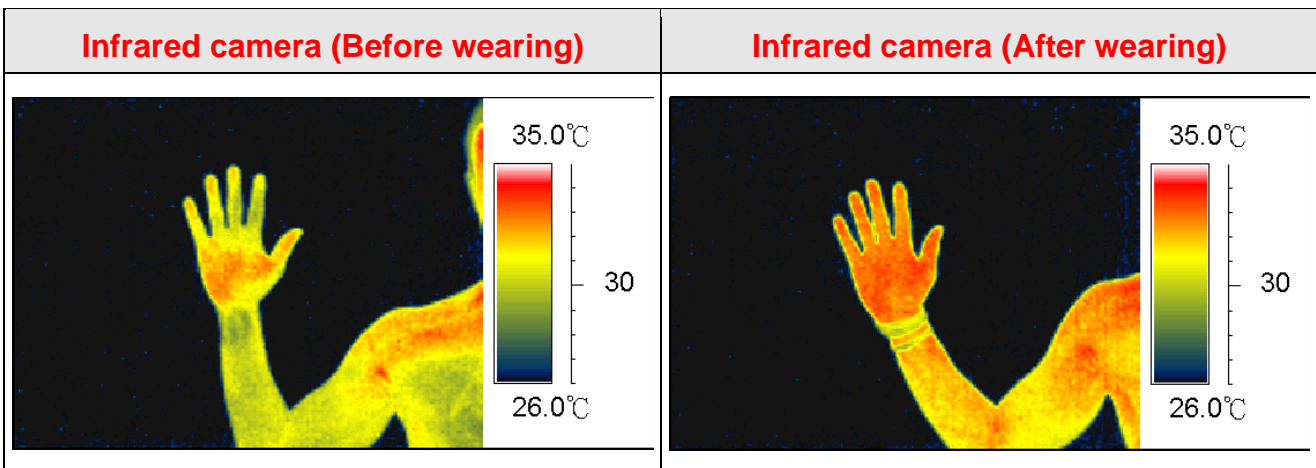
Entrusts the unit : Tai Soon Nanotech SDN BHD
 Test name : Human body temperature test
 Test date : 2006.05.09
 Test goal : Testing the temperature effect of wearing the titanium product for the human body. (during, before, and after.)

Test 1

Test condition (Ambient temperature 25.6) : Before wearing the titanium product.
 After wearing the titanium product on palm for 30 minutes.

Test result

The maximum temperature of palm : 32.7 The maximum temperature of palm : 33.5
 The maximum temperature of wrist : 31.2 The maximum temperature of wrist : 32.7
 The maximum temperature of arm : 31.3 The maximum temperature of arm : 32.9

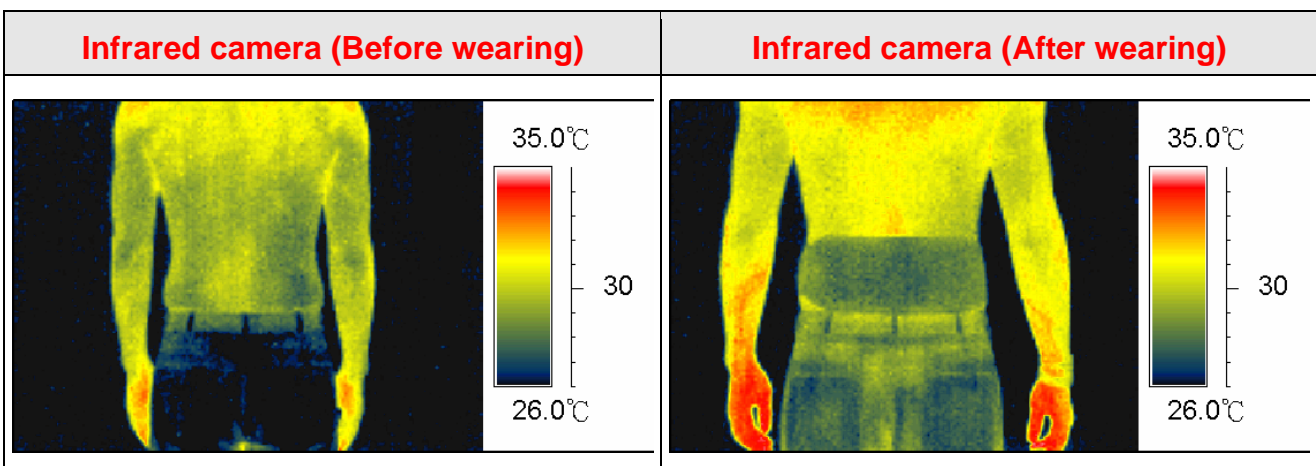


Test 2

Test condition (Ambient temperature 25.6) : Before wearing the titanium product.
 After wearing the titanium product on waist for 30 minutes.

Test result

The maximum temperature of back : 31.4 The maximum temperature of back : 32.4
 The maximum temperature of waist : 30.3 The maximum temperature of waist : 31.8



Infrared camera testing report

Test 3

Test condition (Ambient temperature 25.6) : Before wearing the titanium product.

After wearing the titanium product on neck for 30 minutes.(Front)

Test result

The maximum temperature of neck : 33.0

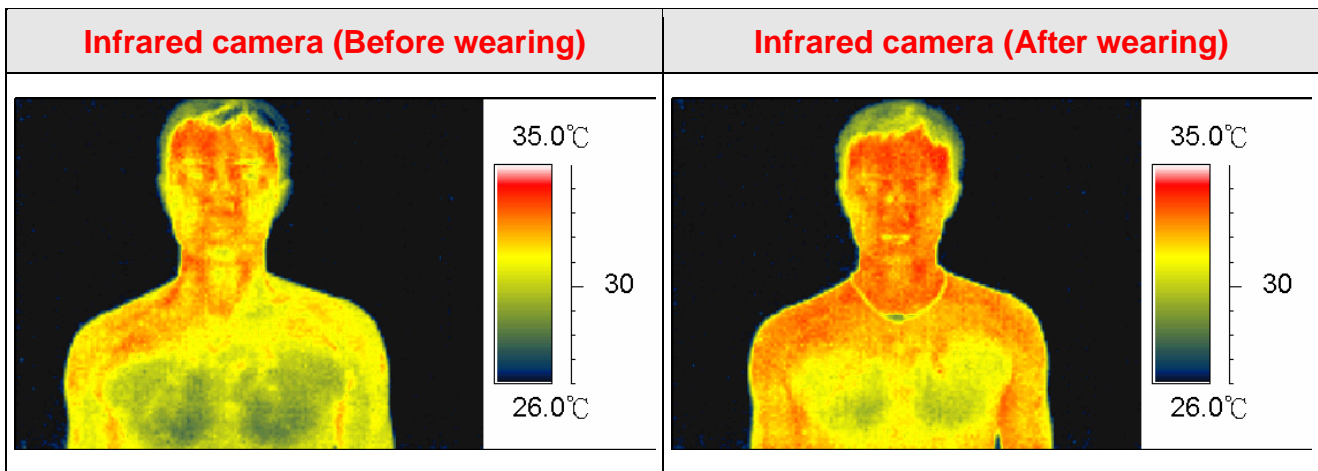
The maximum temperature of shoulder : 32.9

The maximum temperature of chest : 32.7

The maximum temperature of neck : 33.5

The maximum temperature of shoulder : 33.2

The maximum temperature of chest : 33.0



Test 4

Test condition (Ambient temperature 25.6) : Before wearing the titanium product.

After wearing the titanium product on neck for 30 minutes.(The back)

Test result

The maximum temperature of neck : 32.4

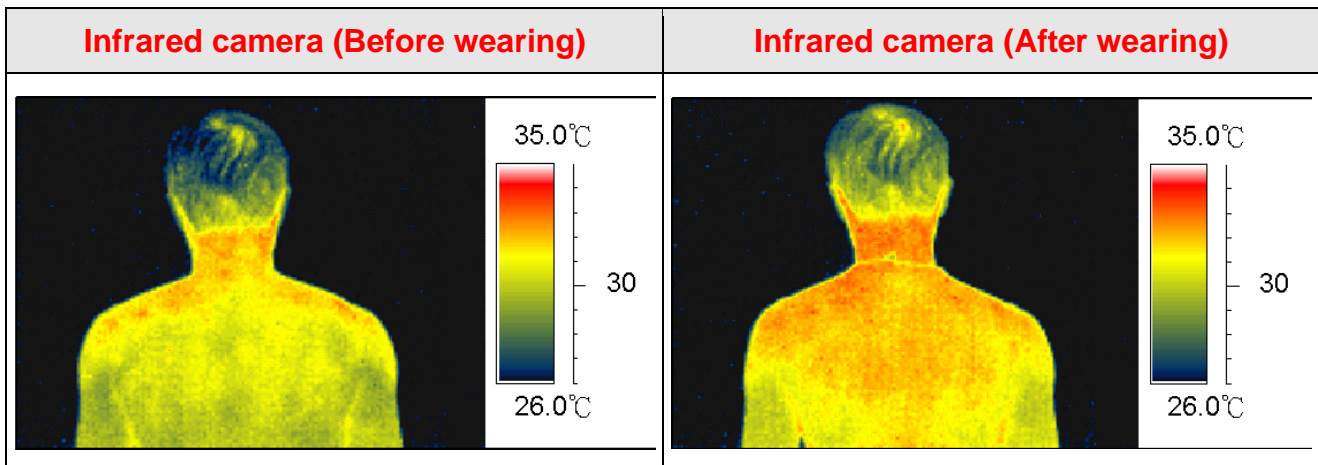
The maximum temperature of shoulder : 32.4

The maximum temperature of back : 31.6

The maximum temperature of neck : 32.9

The maximum temperature of shoulder : 32.8

The maximum temperature of back : 32.2



檢驗報告

報告編號： UE/2006/A0005

日期： 2006年10月13日 頁數： 1 of 1



宇弘生活科技股份有限公司
台北市大安區忠孝東路三段 305 號 6F-2

以下測試之樣品係由供應廠商所提供及確認:

產品敘述: 負離子鍍白金矽膠手環

送樣日期: 2006年10月02日

測試日期: 2006年10月03日

委託測試項目: 負離子測試。

實驗方法: 將受測產品彎曲後置於一般室內空間內，以負離子監測器(註一)盡量貼近受測樣品，每個測點連續量測三次負離子濃度。

註一：儀器偵測範圍：1 100,000 ions/c.c，每 20 秒記錄一筆數值。

儀器名稱/型號: COM-3010PRO

環境中負離子數: 11 ions/c.c.

溫度: 24.3

濕度: 52.1 %

測試結果:

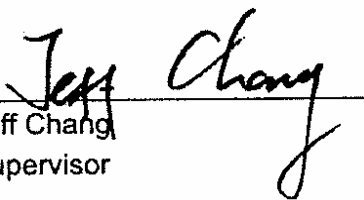
量測位置	計數 1	計數 2	計數 3	平均值
將樣本彎曲後量測(ions/c.c.)	1573	1545	1608	1575
總平均值(ions/c.c.):				1575

註：

- 1.本報告不得分離，分離使用無效。
- 2.低於方法偵測極限之測定值以 "N.D." 表示。
- 3.本報告僅對該樣品負責，不得任意複製及作為宣傳廣告之用。
- 4.對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

報告結尾

Signed for and on behalf of
SGS Taiwan Ltd.


Jeff Chang
Supervisor