



Our Products

-----Graphene Times

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A large, solid red abstract shape is located on the left side of the page, extending from the bottom edge towards the top. It has a curved, organic form that resembles a stylized letter or a decorative element.

I. Beauty Care



Graphene Face Care Mask



Deep cleansing of the skin



Rejuvenate and tighten the skin



Deep Infiltration, Better Absorption

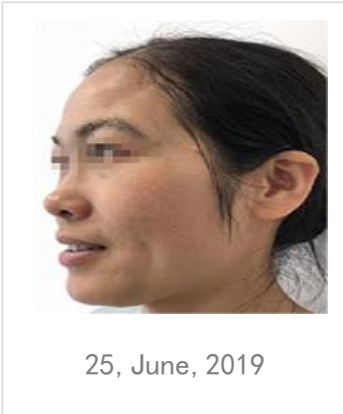
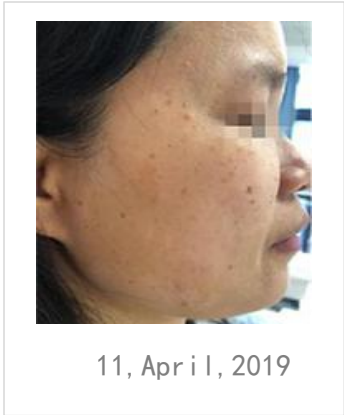


Customers' Stories

The results showed that after 3 months of treatment with graphene face care mask, the skin of the subjects improved significantly, with less redness and inflammation and better skin tone.



before



after



More Stories...



亲爱的 本来有一个小小的，但那个小的这两天面积变大了，另外又长了两个新的出来



我连着做了几天，皮肤长出了很多小的老鼠奶一样的小块，本来有一个小小的，但那个小的这两天面积变大了，另外又长了两个新的出来

2018年12月5日 上午10:22

稍等一下



肉芽和扁平疣



这样能继续用仪器么，还是要到医院去激光去除



我曾经有弄过一次激光去除

Speckles:

After cleaning your face with mild cleanser, use a lotion that does not contain propylene glycol or colloidal alkyd. Turn on the graphene face care mask, set the temperature to medium or high, use it for 40 minutes and let it work its magic. Far infrared ray helps reduce the appearance of sun spots, age spots and discoloration.



Acne-Prone Skin:

Far-infrared radiation is helpful to cleanse your complexion thoroughly without stripping the skin of its natural oils. The initial stage of using graphene face care mask: there may be a breakout of acne (it is stimulated by far infrared ray, bringing out the toxins); About three weeks later, far-infrared radiation of the graphene heating FIR face care mask will eventually eliminate redness and reduce inflammation, clear mild to moderate acne.



图 4.3 面膜使用前后痤疮皮肤炎症修复的对比照片 (28 岁女性)



图 4.2 面膜使用前后痤疮皮肤炎症修复的对比照片 (24 岁女性)

Combination Skin:

Most people are bothered by their T-zone where the oil and water of the skin is often imbalanced and this brings out the outbreak of the acne time to time.

The graphene face care mask is able to dissolve the grease and dirt of the skin and offers a moderate, safe and thorough cleansing of the face so as to balance out regulate skin stone and delay the aging of skin.



Sensitive Skin:

The graphene face care mask uses only heat and far infrared radiation to keep skin clean and hydrated, avoiding excessive cleansing of the skin, and even skin tone and texture in the long run.



啥也不说了.效果自己看吧 🤘



使用三天的效果

激素脸客户裸脸使用40天 对比

Damaged Skin by overusing hormone:

Far-infrared radiation can remove the toxins out of the skin without causing adverse side effects; repair and rebuild the skin's natural defence against dirt and germs; soothe the skin in a mild and secured way.



A large, solid red abstract shape is located on the left side of the slide, extending from the bottom left towards the center. It has a curved, organic form with a notch at the bottom left.

II. Medical Equipment

The breakthrough of GNM

The first graphene enterprise granted medical qualification in China

National Second-class Medical Device

Suitable for auxiliary treatment of scapulohumeral periarthritis, lumbar muscle strain, knee osteoarthritis and cervical spondylosis.

FIR Medical Instrument (Shoulder Pad, Waist Belt, Knee Pad)



中华人民共和国医疗器械注册证	
注册证编号：粤械注准 20192090979	
注册人名称	诺坦新材料科技股份有限公司
注册人住所	深圳市南山区粤海街道科技园南区深圳清华大学研究院A304-2
生产地址	广东省深圳市龙岗区龙城工业园三号厂房三、四层
产品名称	热垫式治疗仪
型号、规格	HXY-118B、HXY-54B(R)、HXY-54B(L)、HJY-98B、HJY-115B、HJY-125B
结构及组成	主要由直流电源、温控器、远红外线碳纤维发热膜片、发热膜片外套、魔术贴、电源适配器和充电电源线组成。
适用范围	本产品适用于肩周炎、腰肌劳损、膝骨性关节炎引起的疼痛及不适。
附件	产品技术要求。
其他内容	无
备注	原《医疗器械分类目录》产品分类编码：6809-02-01。

审批部门：广东省药品监督管理局
批准日期：2019年09月09日
有效期至：2024年09月08日

Graphene Therapeutic Instrument for Thyroid Nodule



Graphene-based thermotherapy can effectively shrink benign thyroid nodules

Graphene-based heat therapy can reduce benign thyroid nodules in size without affecting thyroid function or creating untoward effect during the experiment.

Baoding First Central Hospital combined graphene-based far infrared radiation and hyperthermia that originated from GNM Group.

The maximum diameter, maximum cross-sectional area and thyroid function of the former stayed the same while the latter had their maximum diameter of thyroid nodules decreased greatly, however, there was no adverse effect on thyroid function before and after treatment.

The relevant clinical report was published in China Journal of Medical Physics in 4, April, 2019



任慧雅 主任中医师, 教授

河北省名中医, 保定市著名传统名中医
河北省针灸学会临床专业委员会副主任委员
河北省中医药学会基础理论专业委员会常务委员
河北省中医药学会中医文化专业委员会副主任委员
老年学会老年医学委员会老年健康管理专业委员会委员
国家中医药管理局特聘中医文化科普宣讲专家

保定市第一醫院
BAODING NO. 1 HOSPITAL

石墨烯温热疗法治疗甲状腺结节

□ 治疗前、后, 两组甲状腺结节最大直径、最大横截面积比较:

- 对照组经过120天的观察, MD1与MD2及CSA1与CSA2比较, 差异无统计学意义 ($P > 0.05$);
- 治疗组经过120天的治疗, MD2与MD1比较, 甲状腺结节最大直径减小 $0.17 \pm 0.13\text{cm}$; CSA2与CSA1比较, 甲状腺结节最大横截面面积减小 $0.41 \pm 0.45\text{cm}^2$, 差异有统计学意义 ($P < 0.05$).

级别	N	Age	Pre-treatment		post-treatment	
			MD1(cm)	CSA1(cm ²)	MD2(cm)	CSA2(cm ²)
对照组	47	44.19 ± 11.96	0.91 ± 0.35	1.86 ± 1.36	0.93 ± 0.36	1.90 ± 1.40
治疗组	50	47.94 ± 9.54	0.77 ± 0.36	1.53 ± 1.54	0.61 ± 0.31	1.12 ± 1.24

Graphene Heating Cabin

- External :PU leather, durable and moisture-resistant;
- Double over-temperature protection of thermistor and a circuit breaker ensures safety;
- Extendable cabin can increase the far-infrared range, activate the whole body biomolecular activity, accelerate blood circulation and promote metabolism.

Power: 800W

Size: 90*76*43cm

90*63*37cm



A large, solid red abstract shape is located on the left side of the slide, extending from the bottom edge towards the top. It has a curved, organic form, resembling a stylized letter or a decorative element.

III Heating Wearables

Graphene Heating Nose Mask



Materials: nylon, spandex,
polyester, SBR

Color: black

Heating Unit: Graphene –based
Heating Film

Voltage: 5 v

Accessories: USB Cable with a
Temperature

Highly recommended by experts from top ranked hospitals

In the face of outbreak of rhinitis, nearly 100 patients were reported symptoms relief after using the graphene heating nose mask.

The trial test included patients catching a cold (26 cases), sneezing (11 cases), suffering headache (9 cases), nasal congestion(14 cases), (12 cases), dizziness (7 cases) .



Customers' Stories



幸福

我是烯旺科技的老客户，这么些产品中，我们收益最大是石墨烯养护鼻罩，我的孩子高一，初中就有鼻炎，用了很多办法，始终难以根治，孩子很受苦，鼻塞严重时候就会头晕，有时候流鼻涕像流水一样，注意力不集中，严重影响孩子的学习，重要有机会使用这款新产品，坚持一两个月的理疗，效果就看出来了，至少鼻子畅通一些，鼻涕得到控制，现在还在每天坚持，孩子很高兴，说妈妈，我终于不那么难受了，这款产品太好了，我要介绍给同学朋友，好东西要一起分享啊。



博士

被一个在政府任职的朋友推荐了这个产品，现在的过敏性鼻炎得到了缓解，得好好谢谢这个朋友推荐。给你们点个赞👍

10-13 11:25:40

relieve dizziness and stuffy nose

< 7

郭



石墨烯鼻罩，由外到内给嗓子和鼻子足够的温暖，戴上后隔断了外界的不良空气。使用第一次嗓子没有痰了，通气了，第二次鼻子稍好点，第三次不疼了，感觉不到有东西了。

Reduce phlegm



兰

得了过敏性鼻炎真的特别虐，每年秋季都要犯，表现就是鼻子痒、打喷嚏，不停的流鼻涕，鼻涕像水似的止不住的流，流严重了，脑袋也会疼。前几年我都没怎么注意，挺一挺就过去了。今年入秋又犯了，这次比较严重，鼻涕一直流啊流，见点冷风各种打喷嚏，早晚更加严重，本来想着挺挺能过去，但貌似没有要好的意思。看医生后，给开了几种药，口服，激素的，抗过敏的，还有洗鼻器，中药也有，洗鼻器洗了能坚持3小时，但是太麻烦，这款鼻罩的出现可以说深得我意，希望能通过安全无副作用的物理疗法把鼻炎带走。

08-26 16:49:58

Relieve allergic rhinitis

Graphene-based Respirator



Materials: skin-friendly , thickened cotton, graphene-based nanometer filter layer, non-woven cloth

Color : gray

Size: 15.5*9.5cm

Graphene Heating Waist Belt

Heating Waist Belt



Heating Belt for Waist and Belly



The clinical result was published in a Chinese electronic journal ZHONGHUA ZHENJIU DIANZI ZAZHI

The result of the clinical experiment on chronic back and leg pain---

Institute: Orient Rehabilitation Center, st. Louis, USA

Subjects: 132 patients with chronic low back and leg pain

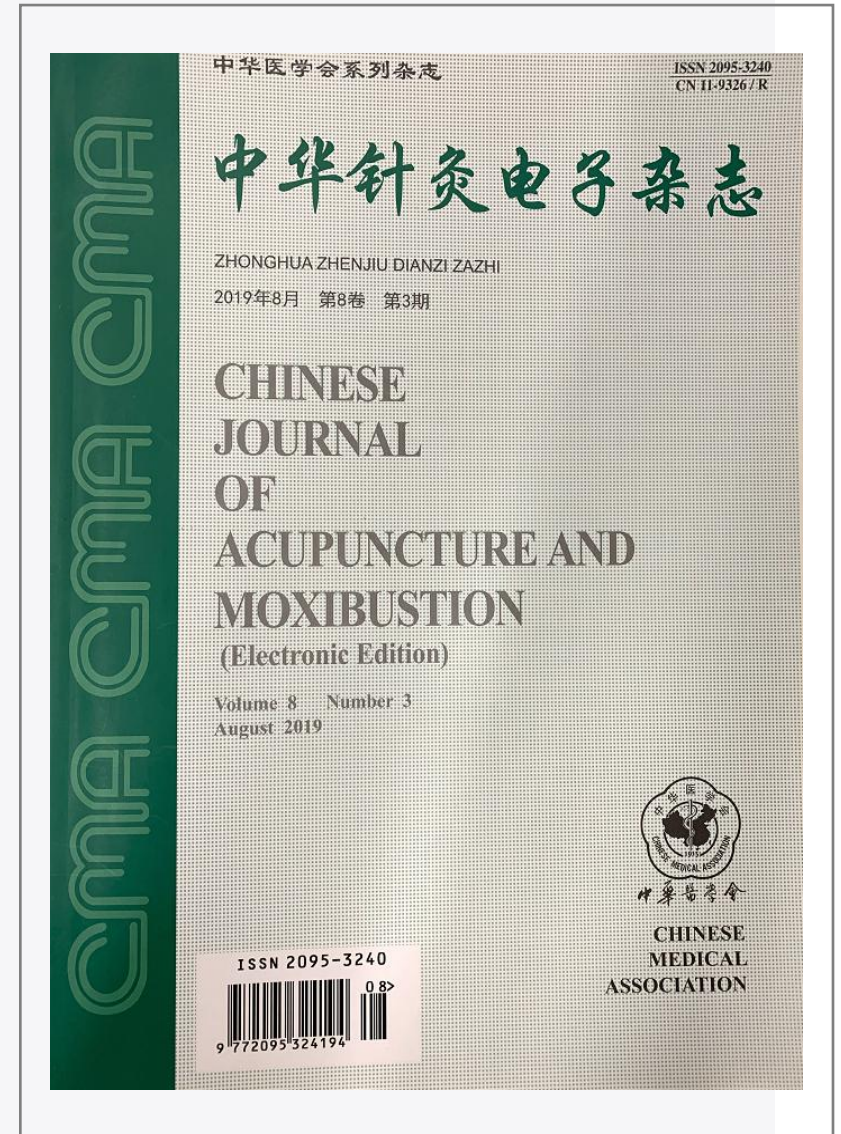
Study Time: March to August 2016

Objective: to treat chronic back and leg pain by using pure graphene heating waist belt with acupuncture

Treatment Group: 74 subjects (wearing heating belt and getting acupuncture)

Control Group: 58 subjects (acupuncture only)

Conclusion: wearing graphene waist belt (kneepad), 74 patients with chronic back and leg pain recovered within 2 months, and 61 patients got better, with a recovery rate of 87.8 %.



Graphene Heating Waist Belt



1. Material: Imported OK Fabric
2. Size: 130cm;
3. Color: Black;
4. Working voltage: 5V;
5. Temperature control: Temperature-controlled Cable

Functions:

- (1) Relieve muscle strain
- (2) Reduce lumbar disc herniation
- (3) Eliminate fatigue
- (4) Relieve back soreness/ pain
- (5) Keep you warm
- (6) Auxiliary physiotherapy

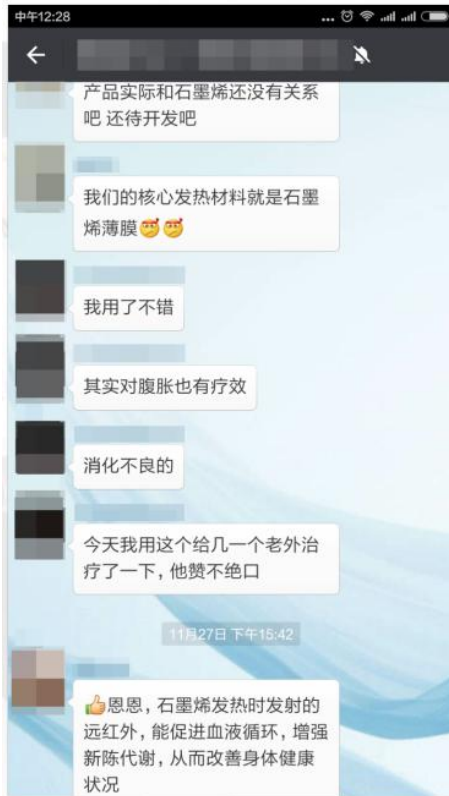
Heating Belt for Waist and Belly



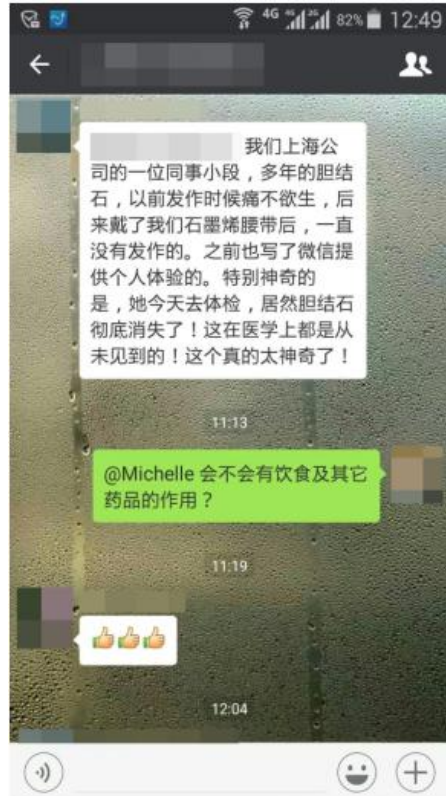
Double physiotherapy heating belt for belly and waist equips with two graphene heating films emitting a far infrared ray which has a similar wave length as the one human body does when heated up. So FIR can penetrate deeper into the skin, generating a bio-molecular resonance and promoting blood circulation.

Imported OK fabric facilitates the belt to fit the body perfectly. It is compatible with common power banks with a long battery life.

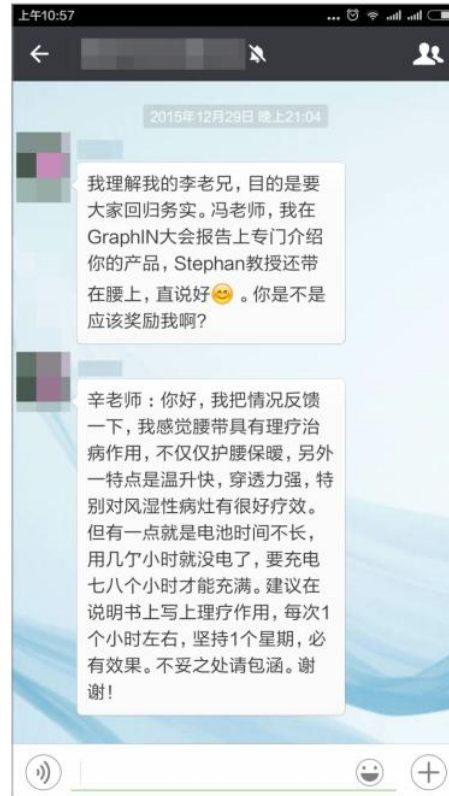
Graphene Heating Waist Belt---- Customers' Cases



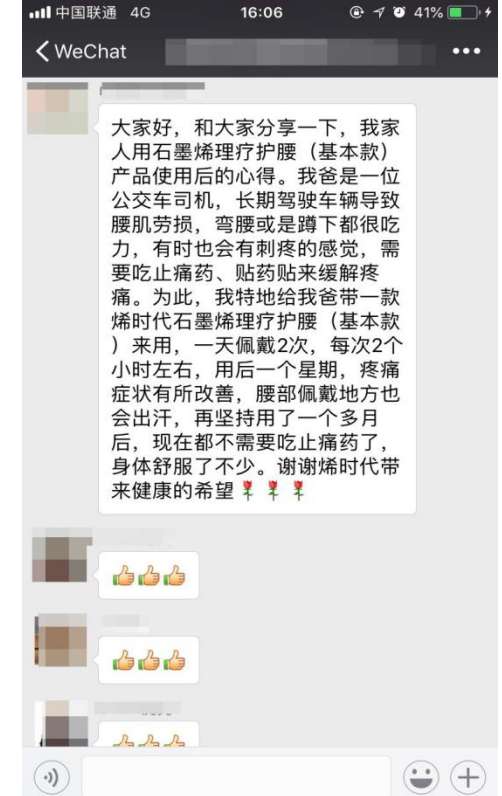
Speed up digestion and relieve belly distension



Relieve pain from gall-stone



Relieve back soreness and pain; muscle strain; hyperostosis; postpartum



Graphene Heating Knee Pad



1. Material: OK Fabric
2. Size: 54*23cm
3. Color: Black
4. Working voltage: 5V
5. Temperature control: Temperature-controlled Cable

Suitable for people who experience arthritis, hyperosteogeny, knee rheumatoid arthritis, rheumatism and post-surgery bone trauma.

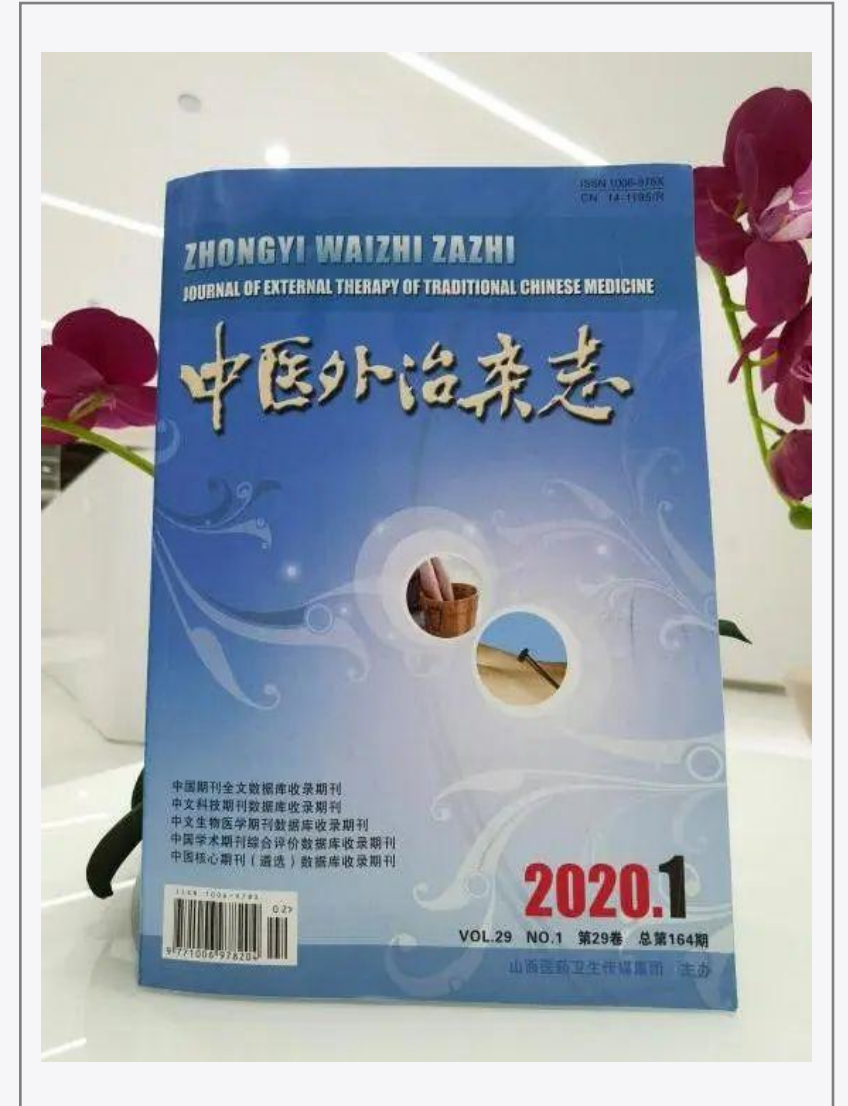
- (1) Relieve arthritis
- (2) Dispel rheumatism
- (3) Improve rheumatoid arthritis
- (4) Anti-inflammatory and analgesic
- (5) Keep you warm

The clinical result was published in a Chinese electronic journal ZHONGYI WAIZHI ZAZHI

The clinical result of 126 patients with knee osteoarthritis by Zhenjiang Hospital of Traditional Chinese and Western Medicine showed that:

The curative rate of pure graphene heating knee pad for knee osteoarthritis was 88.7%.The curative effect was significantly better than 54.7% in the control group that used only the plaster paste.

-- ZHONGYI WAIZHI ZAZHI, vol. 29, 1, 164, February 2020



The curative rate of pure graphene heating knee pad for knee osteoarthritis was 88.7%.

Subjects:

126 patients diagnosed with knee osteoarthritis. There were 49 males and 77 females.
Aged from 40 to 85 years old, on average they are 59 years old.
They were randomly divided into two groups.
Take 10 days as a course of treatment. A total of 3 treatments lasted 30 days.

The process:

Treatment Group: treated with graphene heating knee pad (62 patients)

Temperature control: between 40 and 42 degrees Celsius, 2 times a day, 1 hour each time.(one course of treatment per 10 days)

Control Group: treated with plaster paste (64 patients)

The plaster paste is an anti-inflammatory ointment good for relieve muscle strain, swelling and pain.

Apply the ointment onto the body and wrap it with gauze. Change the plaster once a day, for 10 days.

1、126例 KOA 患者经两种方法治疗后的临床症状缓解情况:

症状	治疗天数	缓解情况
疼痛消除	30天	88.7%
压痛点消除	30天	85.4%
关节僵硬消除	30天	85.7%
关节肿消除	30天	88.9%
骨关节晨僵消除	30天	91.9%
关节无力消除	30天	90.3%
活动障碍消除	30天	88.7%
关节温差变化 < 0.5℃	30天	85.5%

2、126例 患者经两种方法治疗后的疗效情况:

组别	病例数	优良率
治疗 I 组	62	88.7%
治疗 II 组	64	54.7%

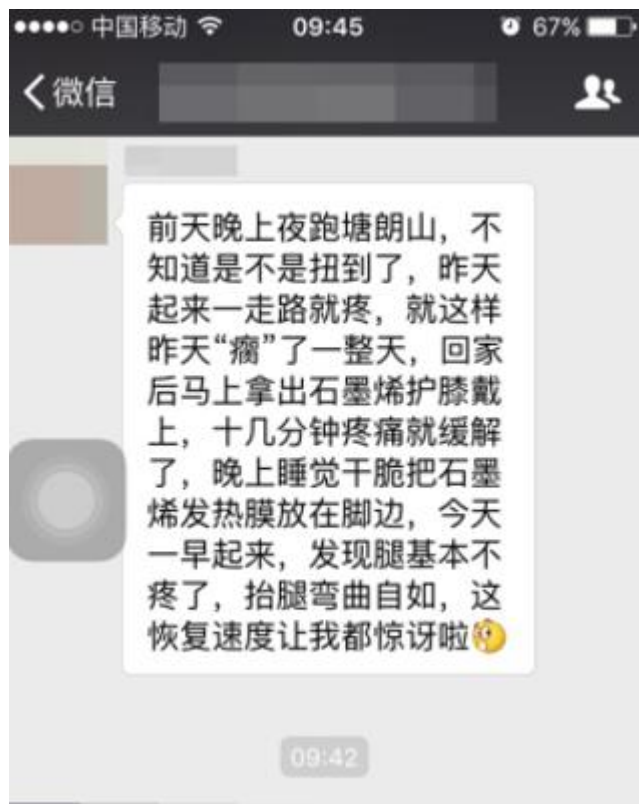
三、实验数据分析

1、纯石墨烯智能理疗护膝组的总体临床疗效优良率 88.7%；对照组 54.7%， $P < 0.05$ ，差异具有统计学意义。

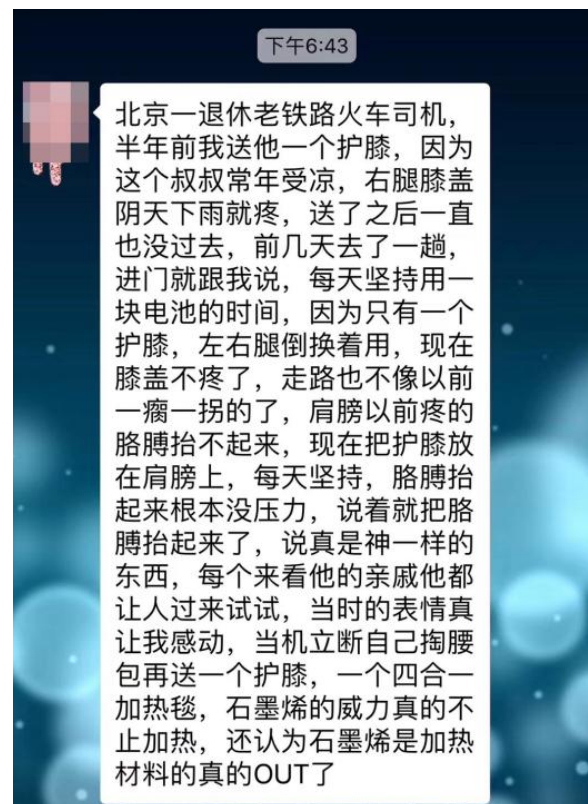
2、使用纯石墨烯发热护膝的临床疗效明显优于对照组。临床观察病例均未见（皮肤过敏、人体不适）等副作用产生。

3、从治疗前后三维步态检测参数对比情况证明，经使用石墨烯智能理疗护膝治疗的患者，后期检测，其三维步态明显改善。证实使用石墨烯智能理疗护膝治疗后，能够加快人体的膝关节的症状改善，而使得步态稳健，促使下肢功能恢复。

Customers' Stories



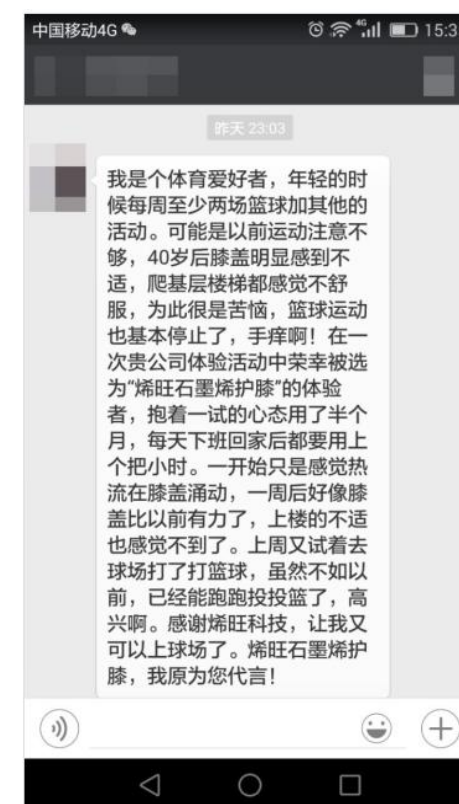
Knee strain



rheumatism



Kneecap fracture



Graphene Heating Neck Wrap





1. Material: Pro-skin Neoprene
2. Size: 515*140mm
3. Color: Black
4. Working voltage: 5V
5. Temperature control: about 43°C, 48°C, 50°C
6. Accessories: Temperature-controlled Cable


Suitable for people are inclined to driving fatigue, cervical discomfort, stiff neck or neck pain.


- (1) Relieve neck soreness/pain
- (2) Eliminate fatigue
- (3) Reduce stiffness at the neck
- (4) Reduce discomfort due to stiff neck
- (5) Hot compress for health


Customers' Stories


 Ackme(Friends) 👍 1
朋友送了贵司的护颈，上班时候经常使用，对颈椎酸痛，脖子僵硬有非常好的缓解效果，温和的发热很舒服。👍👍👍希望可以试用面罩口


 点、线、面 👍 26
由于是设计工作需要长时间对着电脑，颈椎的酸痛很是受不了，后来买了护颈产品，一个月后颈不酸了，转动灵活了，颈椎鼓包也变小了很多；后来又买了一个护眼罩，每天戴一戴眼睛的各种不适都消除了。去年过年回老家，老妈说右脸有些不由自主的抽，把护颈椎的给妈贴着脸，回家才十多天就已经感觉不到抽了；老爸说腰疼，一开工就买了个护腰带，电话了回去，老爸说腰不疼了，现在每天晚上都要戴一两小时；总的说来产品是好产品，很有效果，继续期待！


 陈禹圻 👍 21
我的颈椎有两节突出又有宫寒，用了大概4个月的护颈和腰带，有一次感冒也在用，用了一个小时尽然感冒舒服了很多，我再持续用到出汗，第二天更舒服了，我用了三天，感冒尽然好了😄，然后颈椎包也变小了，也不疼了，反正到现在一次颈椎没痛过，以前用电脑久点，累点就会痛，经期用到第三个月就不太痛了，好开心👍👍


 蕴晨暮然
我每天都在使用护颈贴，超强的功效只有我最知道！感谢焯旺科技带给人类的健康福音👍👍


 □love
我是一名大学教师。希望试用看看，本人十多年一直坐办公室，看电脑，有时候一下子忘记时间，四五个小时，所以肩颈都不是很正常，经常酸酸的痛。去看医生，体检也没啥问题，说只是亚健康状态，建议去做理疗按摩恢复。工作太忙了。我用过护颈效果杠杠滴！


 杨莎莉
石墨烯护颈，是夏天空调房的神器。再也不用爬高用纸把出风口糊起来了。戴上一会儿就能有效缓解颈椎的不适感！全家人手一个！
2019-05-11 09:33:57


 伊美 细微持久美妆
石墨烯远红外线护颈椎，每次我颈椎疼用上护颈的二十分钟就缓解了疼痛，还帮我妈妈买了护腰护膝盖的，老妈说一到冬天腿就热不起来，用了之后就很好很多，不会怕冷👍
点赞

 点、线、面
由于是设计工作需要长时间对着电脑，颈椎的酸痛很是受不了，后来买了护颈产品，一个月后颈不酸了，转动灵活了，颈椎鼓包也变小了很多；后来又买了一个护眼罩，每天戴一戴眼睛的各种不适都消除了。去年过年回老家，老妈说右脸有些不由自主的抽，把护颈椎的给妈贴着脸，回家才十多天就已经感觉不到抽了；老爸说腰疼，一开工就买了个护腰带，电话了回去，老爸说腰不疼了，现在每天晚上都要戴一两小时；总的说来产品是好产品，很有效果，继续期待！

 黄亮
多年的设计院工作经历让我患上严重颈椎病，多亏了焯旺科技的石墨烯护颈，缓解了我的痛苦，让我不再为此烦恼！焯旺石墨烯真的很👍👍👍

 雷权春
平时出差总带个护颈。每天晚上睡觉前带上一个小时。对于认床的我很快就能入睡，而且睡的很香。期待新品上市。👍👍👍👍👍

 小巫
本来喉咙不舒服，用了护颈感觉对喉咙情况也有所缓解；用了暖宫宝，经期前也没那么疼了；昨天第一次试用了能量屋，也感觉棒棒的，浑身舒畅，皮肤都好了👍👍👍
2019-05-11 10:19:01

 诚心
感谢焯旺科技！我之前的身体状况很差，腰疼，气血不足，容易疲劳；之后又查出患有甲状腺多个结节，使用石墨烯护颈朝前戴2小时/天，又戴了护腰，2个月后症状明显好转，结节只剩1个小小的，气血足了，腰也不疼了，身上有劲了，整个人比之前有精神，我太高兴了👍，现在还在继续使用。没花多少钱，却消除了我的疾病，太感谢了，你们要加大宣传，希望更多的人能够收益！

Relieve neck stiffness, soreness and pain in an easier way.

Graphene Heating Shoulder

Wrap



Material: double-sided diving cloth

Color: black

Size :M / 98cm; L/115cm; XL/125cm

Voltage: 3.7 V

Accessories: temperature control cable

Graphene Heating Eye Mask

Starry
Sky



Children's



Customized



Custom
ized



Eye Massager



Customized



Customized



Clinical Report—Graphene heating eye mask can relieve eye fatigue.

The contrast of blink frequency and visual fatigue scale before and after the intervention of visual fatigue relief proves that far infrared physiotherapy is significantly better than simply resting with eyes closed. ----South China University of Science and Technology

The Reson of the Experiment:

Far infrared therapy has been popular these days, which can promote blood microcirculation and alleviate visual fatigue. However, the specific changes after FIR intervention of physiological indicators of human body were rarely verified .

The Process:

20 subjects divided into two groups were tested on the effects of two ways of tackling visual fatigue :

The first: simply resting with eye closed only

The second: resting with FIR heating sleeping eye mask

Comparison:

The statistical software IBM SPSS 24 was used for ANOVA analysis and paired sample T test.

In the analysis below, P represents the test significance;

M is the mean;

SD is the standard deviation;

1. Wear pure graphene eye mask (M=3.25, SD=2.59)
2. Simple eye closure :(M=2.00, SD=2.18)

Graphene Heating Eye Massager

1. Combine traditional Chinese medicine and Microcomputer chip control ;
2. Perfect angle fitting different types of noses;
3. Foldable and portable;
4. Relieve eye pressure and eliminate eye strain



Pure Graphene Heating Eye Mask




零售价：¥398元


1. Material: SBR Sponge
2. Size: Free Size
3. Color: starry sky;
4. Working voltage: 5V
5. Temperature control: Temperature-controlled Cable.
6. Accessories: Temperature-controlled Cable.


Function


- (1) Remove black circles of eyes
- (2) Eliminate fatigue
- (3) Anti-wrinkles
- (4) Help you sleep tight

Customers' Stories

 熠心熠意 👍 415
前年在展会上买了烯时代星空款眼罩，还买了护腰，护颈给家人用。眼罩面料很舒服，磁吸接口线用起来很方便，☺️暖暖的很舒服，之前看一会手机眼睛酸涩流眼泪，买了眼罩之后，每天晚上睡觉前都会戴二十多分钟，眼睛好多了不会流眼泪了，而且散光感觉也减轻了。☺️之前就种草了这款石墨烯美容仪，看着很漂亮，希望这款产品可以让皮肤变好，可以减轻脸上的细纹和小斑点☺️

 Grace 👍 176
我去年10月份入手了石墨烯眼罩，几乎每天晚上戴着睡觉，内置1个小时自动断电，眼睛特别累的时候简直是秒入睡，有助眠和消除疲劳的作用，即便是失眠，第二天起来眼睛也不会酸，我已经忘记很久不够睡早上起来眼睛酸痛的感觉了，哈哈😄另外，温热的感觉还能促进夜间眼霜的吸收，我可是一点眼部细纹都没有的哟😄已经推荐给78910个朋友了，好棒


 我觉得眼罩的对眼睛干涩，改善眼部循环这个效果很好，我之前有干眼症的，现在用了几天眼罩，感觉好多了👍


 谢谢贵司好产品，也谢谢你那天的诚挚推荐👍👍👍👍

17:11

感谢您的信任和支持，能帮到您也是我们所期望的 🌹

惊喜!!!
使用石墨烯护眼罩8天后:
1. 困扰了我大半年的顽固脂肪粒今天神奇地自然脱落了!
(上周去美容诊所, 医生建议帮我用针挑掉, 我说我最近在测试石墨烯眼罩, 他们当时说这种顽固的脂肪粒用加热的方法是无法去除的, 但我还是想测试一下, 没想到只用了眼罩8天就消除了! 😄)
2. 第二个最直观的感受是, 每晚使用眼罩后, 早上起来照镜子发现眼周肌肤比平时都水润饱满, 眼睛看起来也很有精神!
3. 我要继续坚持每天使用, 去黑眼圈~😄



 玲珑玛依 👍 395
前段时间买了石墨烯远红外眼罩，我用的真实感受是：首先外观我挺喜欢的，躺着戴也很方便，设计舒适，有三个热度档位，我一般都用中间档，刚好，特别舒服，每天用，真的可以改善睡眠，对眼睛血液循环也好。血液循环好了，黑眼圈眼纹自然会改善的。还有就是比较安全，一个小时后自动断电，睡着了也没事。我经常迷迷糊糊拿掉的😄现在出来这个脸部美容仪，真是太好了爱美女士的福利。刚打算买腰部的呢，看来要健康美就得配全套的😄 谢谢👍

下午5:40

我丈母娘用这个眼罩现在明天平均两个小时，现在不用眼罩不睡觉啊。而且特别神奇的是她之前的右眼几乎是看不到的，视力表的第一个大"E"都看不清。可是现在，应该用了20天左右，竟然可以看到了！你说，神奇不神奇！老人家可开心啦！

Dry Eyes, Puffy Eyes, Eye Fatigue Relief

Reducing Periocular fat granules

prevent myopia and improve eyesight

Graphene Heating Belly Belt

Customized



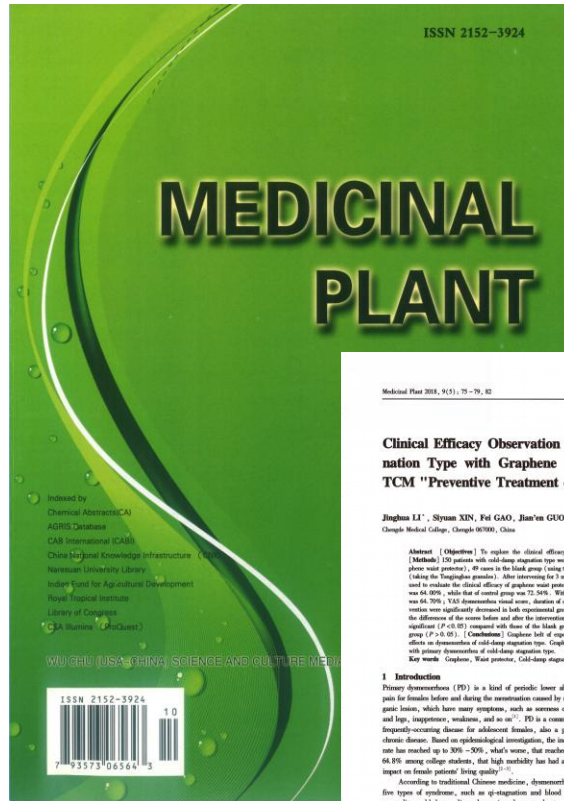
Popular



Former Version



The clinical result on the belly belt was published in the journal of *Medicinal Plant*



Medicinal Plant 2018, 9(15): 75-79, 82 DOI: 10.19005/1544-1004.2018.05.009

Clinical Efficacy Observation on Dysmenorrhea of Cold-damp Stagnation Type with Graphene Thermotherapy Based on the Idea of TCM "Preventive Treatment of Disease"

Jinghua LI*, Shiyun XIN, Fei GAO, Jian'ou GUO, Jinyang WU
Chengde Medical College, Chengde 685000, China

Abstract | [Objective] To explore the clinical efficacy of graphene waist protector on dysmenorrhea of cold-damp stagnation type. [Methods] 150 patients with cold-damp stagnation type were randomly divided into 3 groups: 50 cases in the experimental group (wearing graphene waist protector), 49 cases in the blank group (wearing the waist protector for removing the heating plate) and 51 cases in the control group (wearing the Taoguanggao ginseng). After intervention for 3 menstrual cycles, clinical efficacy scale and the COX menstrual symptom scale were used to evaluate the clinical efficacy of graphene waist protector. [Results] The clinical efficacy rate of dysmenorrhea in experimental group was 64.00%, while that of control group was 12.76%. With the efficacy rate of comparison, the test value was 99.00% and the control group was 64.70%. VAS (dysmenorrhea visual score), duration of dysmenorrhea, severity of COX dysmenorrhea and duration of cramps after intervention were significantly decreased in both experimental group and control group. The differences were statistically significant ($P < 0.05$) for the difference of the scores before and after the intervention; the differences of the experimental group and the control group were statistically significant ($P < 0.05$) compared with those of the blank group. There was no significant difference between experimental group and control group ($P > 0.05$). [Conclusion] Graphene belt of experimental group and Taoguanggao ginseng of control group both have therapeutic effects on dysmenorrhea of cold-damp stagnation type. Graphene waist protector can relieve the pain and its accompanying symptoms in patients with primary dysmenorrhea of cold-damp stagnation type.

Key words | Graphene, Waist protector, Cold-damp stagnation type, Primary dysmenorrhea, Clinical efficacy

1 Introduction
Primary dysmenorrhea (PD) is a kind of periodic lower abdomen pain for female before and during the menstruation caused by non-organic lesions, which have many symptoms, such as nervousness of waist and leg, impatience, weakness, and so on^[1]. PD is a common and frequently-occurring disease for adolescent females, also a periodic chronic disease. Based on epidemiological investigation, the incidence rate has reached up to 30%~50%, which means that reached up to 64.8% among college students, that high morbidity has had a strong impact on female patients' living quality^[2].

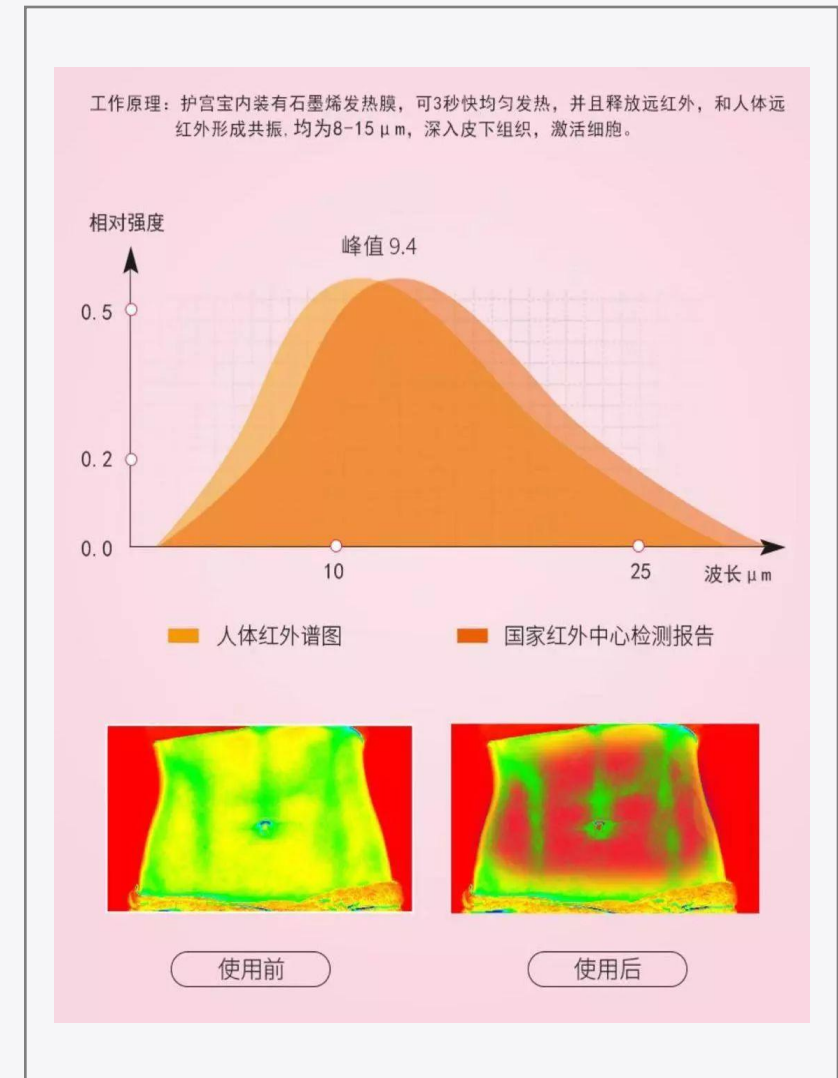
According to traditional Chinese medicine, dysmenorrhea has five types of syndrome, such as qi-stagnation and blood stasis, congealing cold-damp, liver depression dampness-hot, qi and blood weakness and the deficiency of liver and kidney, in which the incidence rate of dysmenorrhea of congealing cold-damp is the highest in clinical practice^[3]. Modern etiological agent is congealing cold-damp and blocked meridians vessel, the disease location is uterus. Based on the therapeutic principle of "treating cold with hot drugs", thermotherapy can effectively relieve the symptoms of dysmenorrhea, such as numbness, electro-heating Biao-stone, thermal therapy, and so on^[4]. On the basis of taking the patent technology of graphene heating film as the new material, combined

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* Corresponding author. E-mail: 45430077@qq.com

The study shows that the effects of graphene belly belt on relieving the clinical symptoms of dysmenorrhea of cold-damp stagnation type and its accompany symptoms were doubtless.

The vibration frequency of far infrared wave emitted by graphene was close to that of cellular elements inside the human body, thereby generating thermal energy by molecular resonance, causing temperature increment, promoting blood circulation especially speeding up microcirculation, improving oxygen supply, strengthening cell regeneration ability, allaying tiredness, improving the immunity of organism.

Of patients wearing graphene FIR waist and knee protector, 62 were showed improvement in the data within one or two weeks or maybe one month, accounting for 83.8%. 56 patients with chronic arthralgia in the treatment group applying graphene far-infrared patch, 4 of them were cured within two weeks, 61 were markedly getting better, so the efficiency rate was like 87.8%. It shows that the far infrared graphene has remarkable effect in alleviating pain, reducing inflammation and swelling. There were 4 cases of depression, 3 migraine, 4 climacteric syndrome and 3 chronic fatigue with clinical features of anxiety, insomnia and other autonomic dysfunction. With graphene FIR therapy, 10 of them (almost 66.7%) got improved and even cured within two weeks, proving that graphene FIR heating therapy can support the autonomic nervous system.



纯石墨烯暖宫宝

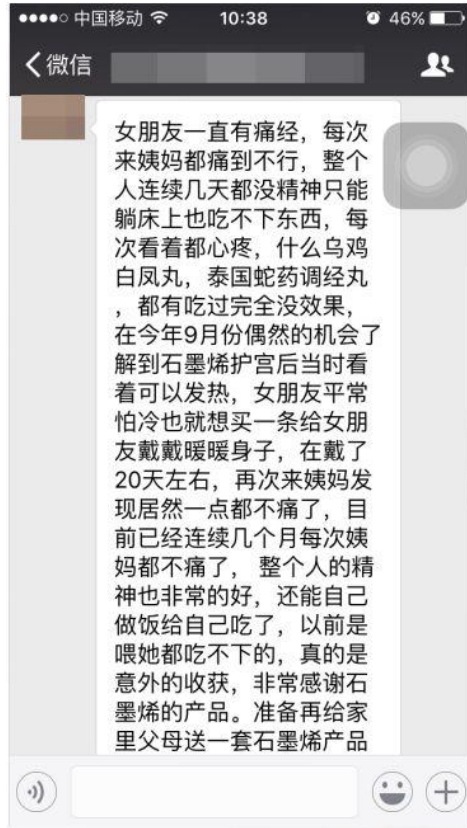


1. Material:Lycra
2. Size: free size
3. Color: Black
4. Working voltage: 5V
5. Temperature control: Temperature-controlled Cable
6. Accessories: extension band; temperature controlled cable; extension cable

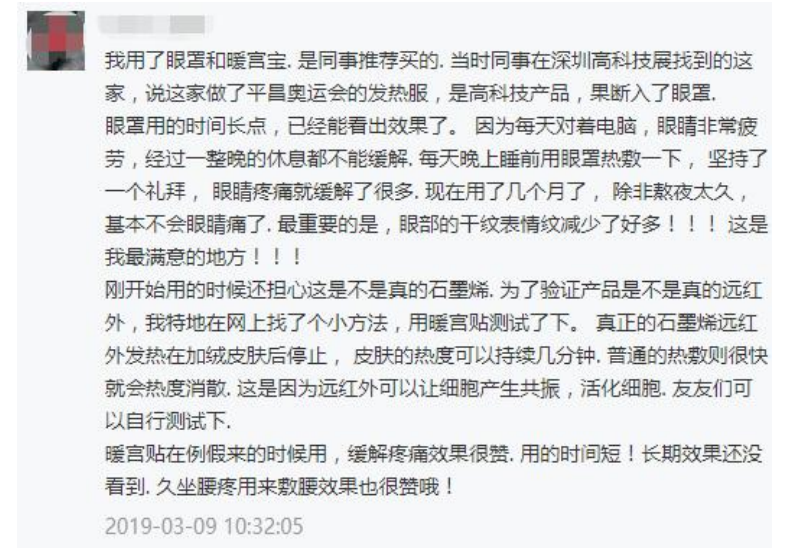
Suitable for people who suffer from menstrual pains, who need postpartum care, or who experience discomfort at the waist.

- (1) Menstruation Pain Relief
- (2) Take care of the belly
- (3) Keep the womb warm and protected
- (4) Burn calories
- (5) Lift up your mood

纯石墨烯护宫 客户案例实证

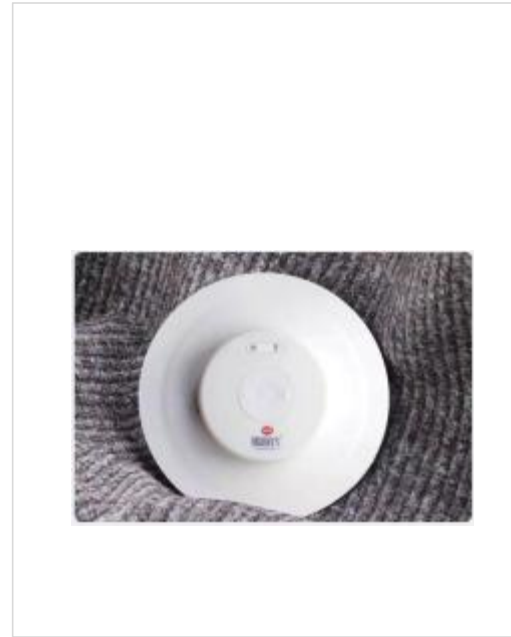
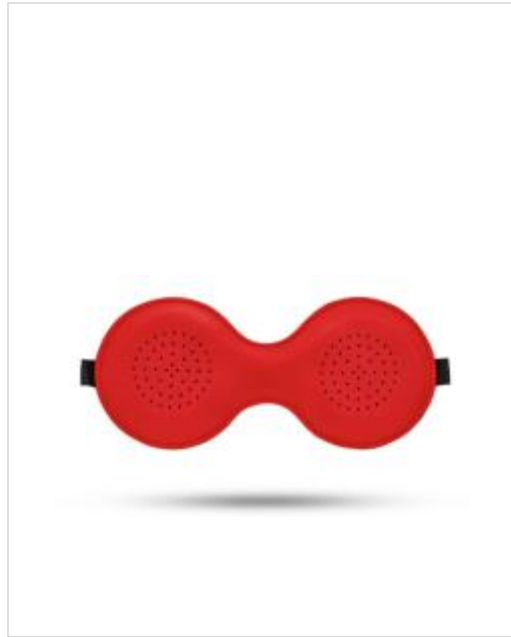


Relieve menstrual cramp



Keep you warm and cozy

Graphene Heating Pad



Graphene Heating Pad

- pure graphene heating film with far infrared radiation
- low voltage and safe with temperature control;
- through acupoints and meridians physiotherapy to relieve discomfort;
- magnetic connection



Graphene Heating Slimming Belt



1. Material: OK Fabric+Synthetic Rubber
2. Size: 108*16cm; 118*16cm; 130*16cm;
3. Color: Bule; Brown.
4. Working voltage: 5V
5. Temperature control: Press-button control
6. Motor: 4pcs; Magnet:13pcs

1. Relieve muscle strain
2. Eliminate fatigue
3. Relieve pain
4. Keep warm
5. Burn calaries and keep fit

Customers' Stories

 梦雨轩 👍 214

自此生完二胎以后，我是明显的身体发福发胖了，再也回不去从前的窈窕身材了，心里一阵很失落，闺蜜看出我的心思，送给我一件石墨烯燃脂仪，神秘的说高科技，让我试试。

我刚开始也不相信，就每天晚上坚持带两个小时，晚上少食多素餐，配合做一些运动，坚持了两个多月，竟然减掉20斤，太神奇了。

使用体验：发热升温快，震动频率很均匀，强度适中，饭后使用客户助消化，减肥效果不错，容易出汗，多喝水，一定要坚持使用效果才明显哦👍

想要减肥的爱美的姐妹们可以入手哦，烯旺石墨烯远红外燃脂仪给你惊喜🌹🌹🌹👍

成功减掉14斤

👍👍👍太厉害了吧！ 14斤！！

中国移动 19:30 70%

完成 详情

让大家帮忙见证一下，我瘦了没有！ 😊



14:53

冰... 4:57
我就是每天坚持带两个小时腰带

冰... 15:04
统一回复，我刚开始也不相信，朋友说高科技，坚持带，没想到真的有效果，我

评论 查看原因 (252K)

中国联通 上午9:08 44%

< 发现 朋友圈

参加烯旺石墨烯减肥营至今，刚好45天，营程过半，减重在12-13斤间徘徊。期间早、中、晚饭正常吃，尤其晚饭，有菜有肉有主食，菜是正常烹制非水煮。每周会吃冰淇淋一到两次，偶尔吃蛋糕甜点。每天早上运动40分钟。每天佩戴减脂仪1-2小时。我亲自参与，亲自验证，还有比这更有说服力的吗？扫码购买，让我们一起做更好的自己，不为得瑟，只为自享！

收起



2分钟前

postpartum obesity; lose 7kg after sticking with the slimming belt for 2months

Graphene Heating Wrist Protector



1. Imported OK cloth, comfortable and skin-friendly
2. 5V power supply, portable power bank
3. Magnetic connector;
4. temperature-controlled cable

Applying patented technology-- Graphene Heating Film, it emits a far infrared light that can penetrate deeply into your subcutaneous tissue, generating bio-molecular resonance, promoting blood circulation, improving immune system, relieve pain, help you get rid of wrist discomfort.

A large, solid red abstract shape is located on the left side of the page, extending from the bottom edge towards the top. It has a curved, organic form that tapers towards the top.

Home Textile

纯石墨烯护颈枕



零售价：¥398元

The arc design of ergonomics enables neck pillow a full support; the memory foam inside releases the neck pressure; the knitted fabric. Install the graphene heating neck pillow on the car seat or seats in the office so that you can lift up your spirit with an enjoyable driving or working experience.

1. Inner Material : high resilience memory cotton
2. Color : Grey, black and red
3. Size: 13 * 17 * 13 cm
4. Voltage: 5 v
5. Accessories : temperature-controlled USB cable

Graphene Heating Blanket



1. Material: Caroset
2. Size: 30*60
3. Color: Gray
4. Working Voltage: 12V
5. Temperature control: Temperature-controlled Cable
6. Accessories: Adaptor

Based on the core technology of the graphene heating film, the blanket heats up to generate far infrared radiation to produce more intense physiotherapeutic effects.

A Thicker Version



Equipped with four graphene heating films and having the advantage of fast and even heating, the blanket versatile as a cape or a cushion emits far infrared ray similar to the one that human body does at a wavelength of 6-14 μm when working, and this ray can easily penetrate deeply into the subcutaneous tissue and then blood circulation and metabolism can be promoted.

Graphene Heating Cushion



The heating film can emit a far infrared ray which has a similar wave length as the one human body does. In this way can the far infrared ray penetrate deeper into the subcutaneous tissue, generate a bio-molecular resonance and promote blood circulation so as to nurture a stronger immune system.

Removable graphene heating films make it easy to wash; low voltage driven makes it safer to use; regular power banks as the battery make it more convenient to access to.

Graphene Heating Cushion



A graphene heating cushion provides you with a sense of comfort, energizing your mind and warming up your body .

Graphene Heating Pet Cushion



1. The core material is graphene-based heating film;
2. The cushion features with anti-electric shock protection, and water-proof material;
3. Detachable heating unit makes it easy to be cleaned;
4. Temperature controlled cable allows different needs

A large, solid red abstract shape is located on the left side of the page, extending from the top to the bottom. It has a curved, organic form, resembling a stylized letter or a decorative element.

Graphene Sauna Room

纯石墨烯远红外能量房系列

Single



Double



For Lower Body



Customized

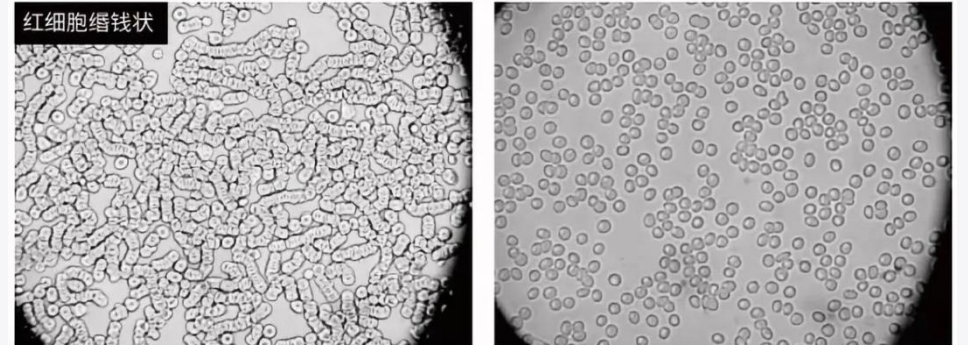


Graphene sauna room can strengthen immune system

Graphene far infrared sauna room is effectively to prevent cardiovascular and cerebrovascular, regarded as an auxiliary treatment. It is conducive to the prevention of thrombotic diseases, increased blood viscosity, cardiovascular and cerebrovascular diseases, of traditional Chinese medicine in the prevention of disease.

According to Professor Ren Huiya, a famous traditional Chinese doctor in Hebei province, the graphene sauna room can emit far infrared, generate resonance, and promote metabolism and assist the rehabilitation after surgery.

The paper was published in the proceedings of the 17th national symposium on infrared heating and the development of infrared medicine.



使用石墨烯远红外能量房前后红细胞缙钱状态的对比



纯石墨烯远红外能量房 单人房

独有变频技术节能省电
石墨烯远红外360°环绕照射
温暖舒适呵护全家健康

The far infrared biological effect enables the smooth transfer of energy

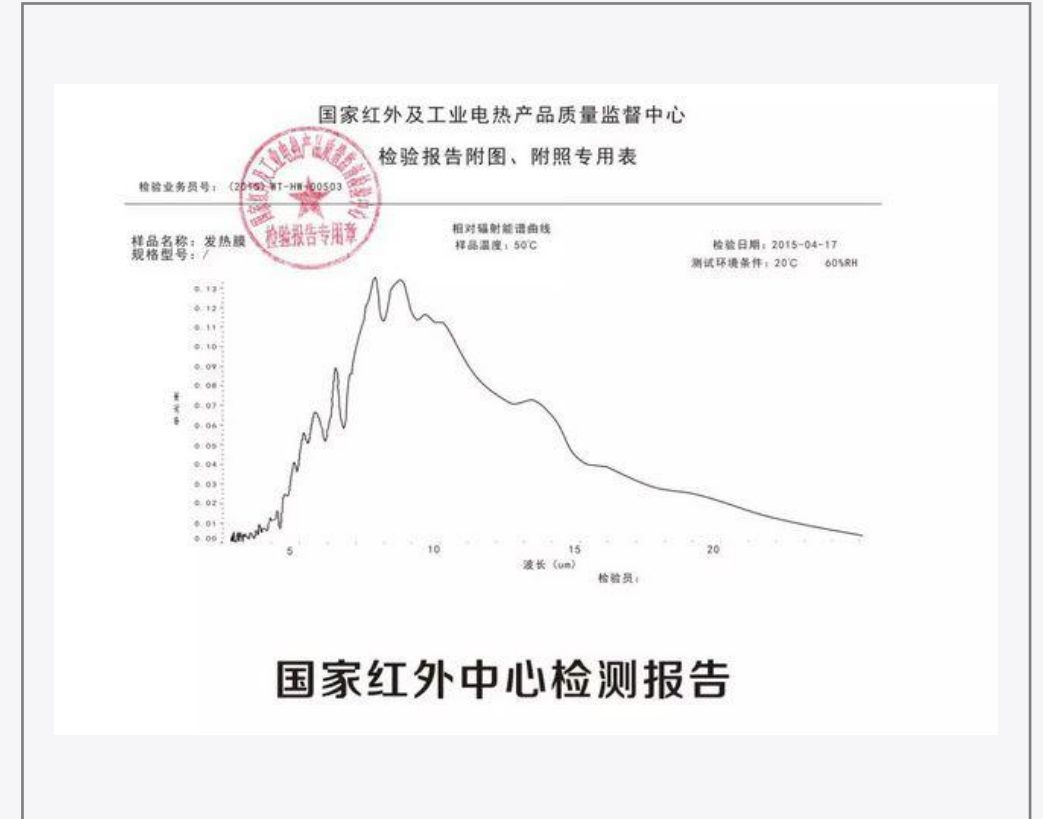
Biological Effects and Clinical Studies of Far Infrared

The biological effect of far infrared can cause the quantum vibration of the protein molecule such as amide bond, so that the biological energy can be transferred smoothly.

There are many beneficial effects of infrared ray on organisms, which can be divided into thermal biological effect and non-thermal biological effect. The infrared ray absorbed can cause the quantum vibration of protein molecules such as amide bonds, so as to facilitate the smooth transfer of biological energy and enhance the ability of living bodies to be in a normal state.

Infrared therapy has effects on a variety of diseases: wound healing, promoting blood circulation and removing blood stasis, diabetic foot ulcer healing, treating hypertension, relieving mental stress, suppressing pain, improving sleep quality, reducing blood sugar and other symptoms.

The paper was published in the proceedings of the 16th national symposium on infrared heating and the development of infrared medicine.



Graphene FIR Sauna Room



1. Material: Canadian Hemlock
2. Size: Single/Double/Customized
3. Power: less than 1500watt
4. Working voltage: 110v
5. Accessories: Temperature-controller/ FM/Lights

Graphene heating sauna rooms are born from the newest modern materials. The durable support structure is natural and good-smell canadian hemlock. Even heating and low voltage make it a safe "furniture" at home where you can relax your body and mind at the end of a long day. A customized sauna room will enhance your home, eliminate stress, & improve your well being. The only sauna rooms personalized for your unique body, home, & lifestyle.

Graphene Mini Sauna Room



Based on the core technology of the graphene heating film, waist protector heats up to generate far infrared radiation to produce more intense physiotherapeutical effects.

Material: Canadian hemlock

Color: Solid Wood

Size: 110 * 62 * 80 cm

Voltage: 220 v

Power: 550 w

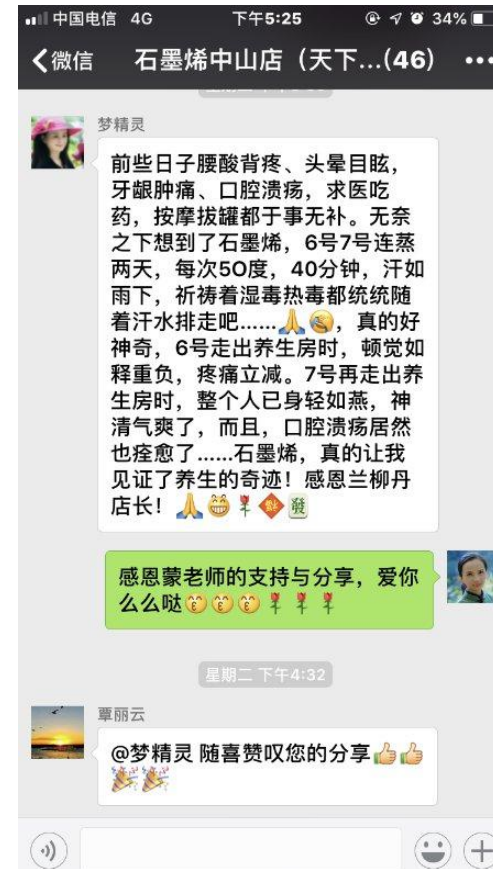
Customers' Stories



Smooth your skin and remove color spots



Relieve the symptom of cold and coughing



Relieve back pain, dizziness, oral ulcers, swelling and pain of gums



卢阿姨2019.3.3来到店里, 腿脚很重, 面部很痛苦, 面部突起褐色的斑点, 眉头紧锁, 浑身不舒服, 2019.4.9日面带微笑症状减轻, 头不痛了, 腿脚轻盈, 斑点的颜色淡了, 肤色靓了, 开心、感恩石墨烯能量房!

Lift up spirit

石墨烯光波房 客户案例实证

时代石墨烯远红外客户健康管理表					
陈成成	女性	71	165 cm	63 kg	晨光
<p>病史: 头晕 腔隙性脑梗塞 腰椎间盘病 老年性体位性低血压 脂肪肝 动脉硬化 双侧颈动脉粥样硬化 椎动脉粥样硬化</p> <p>产品: 膝盖护具 石墨烯光波房 使用开始时间: 19年8月4日</p> <p>产品: 膝盖护具 石墨烯光波房 使用开始时间: 19年8月4日</p> <p>产品: 膝盖护具 石墨烯光波房 使用开始时间: 19年8月4日</p> <p>产品: 膝盖护具 石墨烯光波房 使用开始时间: 19年8月4日</p>					
<p>效果: 膝盖护具用7-8次就不疼了 如果长期使用会更好。 光波房已一个月有余 高血压略有减轻 静脉曲张有好转 指甲明显 有好的趋向。如果坚持做 升 起高血压会减轻 前列腺炎 会治好。此产品非常好。</p>					
客户签字: 陈成成					

时代石墨烯远红外客户健康管理表					
徐建福	男性	66	182 cm	77 kg	住址
<p>病史: 三年高血压 膝关节疼痛 前列腺增生 左腿静脉曲张 两脚指甲灰指甲</p> <p>产品: 膝盖护具 石墨烯光波房 使用开始时间: 7.20</p> <p>产品: 石墨烯光波房 使用开始时间: 7.20</p> <p>产品: 配合锻炼, 饮食减盐 使用开始时间: 7.20</p>					
<p>效果: 膝盖护具用7-8次就不疼了 如果长期使用会更好。 光波房已一个月有余 高血压略有减轻 静脉曲张有好转 指甲明显 有好的趋向。如果坚持做 升 起高血压会减轻 前列腺炎 会治好。此产品非常好。</p>					
客户签字: 徐建福					

时代石墨烯远红外客户健康管理表					
徐建福	男性	66	172 cm	172 kg	住址
<p>病史: 重度脂肪肝 高血脂 血压偏高 肥胖一些</p> <p>产品: 石墨烯光波房 使用开始时间: 7.20</p> <p>产品: 配合锻炼, 饮食减盐 使用开始时间: 7.20</p>					
<p>效果: 重度变为中度 身体感觉良好</p>					
客户签字: 徐建福					

时代石墨烯远红外客户健康管理表					
史耀红	女性	55	165 cm	140.9 kg	住址
<p>病史: 胃炎 睡眠质量不好 肥胖 颈椎 腰椎</p> <p>产品: 护颈 护肩 护腰 燃脂仪 无痛苦减6次 使用开始时间: 2018.6.15</p> <p>产品: 果蔬纤维-共 使用开始时间: 2018.7.29</p>					
<p>效果: 第一天没汗 到第三天出汗较多 口渴 睡眠好转 半月后睡眠正常还可以午睡1小时</p> <p>效果: 减肥有效果 胃部明显收回 皮肤变薄 面色红润 精力充沛 腿部肌肉紧</p> <p>效果: 服用果蔬纤维后便秘 尿多</p>					
客户签字: 史耀红					



有效改善头部眩晕、颈椎病、腰椎间盘突出疼痛等症状

有效降低血压、静脉曲张好转、缓解膝关节疼痛

坚持使用石墨烯光波房, 脂肪肝从重度转为轻度

燃脂瘦身、增加身体肌肉量

坚持使用, 缩小乳腺结节

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Graphene Heating Garment

Graphene Heating Bra



Graphene heating bra is specially made to prevent and relieve the symptom of breast diseases, its heating films inside emits a far infrared ray which has a similar wave length as the one human body does when heated up. The ray can penetrate deeper into the subcutaneous tissue, generating a bio-molecular resonance, activating cells and promoting blood circulation.

Material: cotton + nylon+ spandex

Color: purple

Size: 70b-e, 75b-e, 80b-e, 85b-e

Accessory: temperature-controlled cable

Voltage: 5

Graphene Heating Vest (2017)



Removable graphene heating films make it easy to wash; low voltage driven makes it safe to wear; power bank compatibility makes it convenient for a long life battery.

Material: 100% polyester fiber

Colour: dark grey

Membrane group: 4 pieces in the front and 4 pieces in the back

Battery: 2 PCS (4500 mah)

Size: S/M/L/XL / 2 XL / 3 XL

Gross weight: approx. 675g

Voltage: 5 v

Accessories: power adapter, charging cable, mobile controller

Graphene Heating Vest



Equipped with four graphene heating films covering the upper body and having the advantage of fast and even heating, the energizing vest emits far infrared ray similar to the one that human body does at a wavelength of 6-14 μ m when working, which is why this ray can easily penetrate deeply into the subcutaneous tissue and then blood circulation and metabolism can be promoted, achieving a physical therapy while keeping you warm.

1. Material: Nylon+Cotton
2. Size: S/M/L/XL/XXL
3. Color:Black/Blue
4. Working voltage: 5V
5. Accessories: Temperature-controlled Cable

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House Heating

Graphene Heating Picture



Artistic & Lifestyle
Science & Health

Patent and Working Principle



Patent No. :
201520369276.7
201620365692.4 FIR Heating Picture

Convection Heat Transfer

The surface of the painting is enabled to absorb the far infrared radiation emitted by the graphene-based heating film, so it takes about 3-10 minutes to reach a thermal balance between the heating film and the heat-accumulating layer, which can slowly radiate the heat into the air around the painting.

It can be explained by the theory of “hot air is light, cold air is heavy” that the circulation between the warm air around the heating painting and the cold air in the room leads to the convection resulting in room temperature rise.

Far Infrared Radiation

The graphene heating film will radiate a large amount of far-infrared ray with a wavelength of 6~14 micrometers. The FIR is then received by the receptor and converted into heat which will be released into the air. It has a similar working principle of “the sun shines on everything”.

Graphene-based Radiator



The graphene household heating series redefines the traditional heating method. Through the excellent electrothermal conversion performance of graphene and the far-infrared heat radiation conduction mode, the household can achieve rapid heating and can easily enjoy the sun indoors.



Size: 80* 100*10cm

Rated power: 1200W

Heating material: graphene heating film

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Powder Coating

Powder Coating

Based on the excellent performance of graphene, increase the effects of coating ratio, enhanced powder coating mechanical, weather corrosion resistance, thermal conductivity, etc.





THANKS FOR WATCHING

Grpahope New Materials Technologies Corporation

www.szxiwang.cn