



CIHIT
中国伊朗创新技术中心

China Iran **House** **of Innovation** **& Technology**

BACKGROUND 背景

China Iran House of Innovation and Technology is Technology exchange platform supported by Iran vice Presidency for Science and Technology.

中国伊朗创新技术中心是由伊朗科学技术副总统支持的技术平台



- **2016:** Joint Statement between the People's Republic of China and the Islamic Republic of Iran on Building a Comprehensive Strategic Partnership.

2016年: 中华人民共和国和伊朗伊斯兰共和国关于建立全面战略伙伴关系的联合声明



- **2016:** Agreement between Chinese Academy of Science and Iran Vice Presidency for Science and Technology

2016年: 中国科学技术部与伊朗科学技术副总统达成协议



- **2019:** Agreement between China Ministry of Science and Technology and Iran Vice Presidency for Science and Technology

2019年: 中国科学技术部与伊朗科学技术副总统达成协议



- **2021:** China and Iran 25 years agreement on strategic Partnership

2021年: 中伊签署25年全面合作协议

MISSIONS

- 1** To facilitate R&D cooperation, Technology exchange and business negotiation between two countries' companies and institutes
促进两国公司和研究所之间的研发合作, 技术交流和商务谈判
- 2** To establish high tech JV and setting up Iranian high tech companies' branches in China
建立高科技合资企业, 并在中国设立伊朗高科技公司分支机构
- 3** To present Iranian companies in Chinese Exhibitions as well as Chinese companies in Iranian exhibitions
在中国展览中展示伊朗公司以及在伊朗展览中展示中国公司
- 4** To apply for patent, register and acquire certificates for Iranian high tech brands and products in China
为中国的高科技品牌和产品申请伊朗专利, 注册并获得证书
- 5** To arrange industrial and commercial visits between Iran and China
安排中伊之间的工业和商业访问

SCIENCE AND TECHNOLOGY IN IRAN 伊朗科技



number of
students
学生人数

Over **4** million



The Number of
S&T parks
科技园区数量

43



The Number of
Universities
大学数量

1102



Knowledge Based
Companies
知识型企业

6000

China Iran House of Innovation and Technology

5 specialized brands in China

中国伊朗创新科技中心在中国的5大专业品牌

• INCC 伊朗纳米中国中心

Iran Nano China Center, Specialized for Nanotechnology and Advanced Material

涉及行业：纳米技术和先进材料

• IHP 伊朗高科技馆

Iran High-tech Pavilion Specialized Exhibition in Shanghai to show Iranian High-tech Products

在上海展览会展示伊朗的高科技产品



• CIBEC 中国伊朗生物医学工程中心

China Iran Biomedica Engineering Center, Specialized for Biotechnology, Medical Equipment and pharmaceutical

涉及行业：生物技术，医疗设备，制药

• Water Clinic 水诊所

Water Clinic, Specialized for Environmental Technologies and water treatment

涉及行业：环境技术和水处理

• CHIHC 中国伊朗高科技中心

China Iran Hightech Center, Specialized for IT&IOT&AI, Lab Instruments and Industrial Machinery.

涉及行业：IT&IOT&AI，实验室仪器和工业机械。

SUCCESSFUL PROJECTS & ACTIVITIES

成功项目和活动





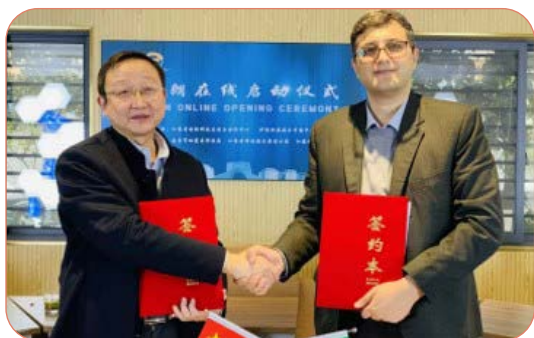
MOU and
Agreements
谅解备忘录和协议

40



Business
Contracts
商业合同

15





Matchmaking
Events
对接会

30



Exhibitions

展会

35





Online Matchmaking
Events

线上对接会

10



Services of the CIHIT 服务

Showroom &
cowork space
展厅&协同办公空间



Marketing services
营销服务



Translation
services
翻译服务



Consultation services
(IP protection, customs procedure, logistics and attorney)
咨询服务 (知识产权保护, 海关手续, 物流, 法律等)



Technical &
business negotiations
技术及商务谈判



B2B matchmaking events
and exhibitions
对接会及展会



NANOTECHNOLOGY 纳米技术

▶ FANAVARAN NANO MEGHYAS (FNM)

Industrial Nanofiber Production Line (INFL6100) | 工业级纳米纤维生产线 (INFL1600)

▶ Payamavaran Nano Fanavar (PNF)

Metal-based Nanoparticles | 纳米金属颗粒

▶ NANO STRUCTURED COATING (NSC)

DESK SPUTTER COATER (High Vacuum, Triple Magnetron Target Desk Sputter Coater)

台式溅射镀膜仪 (三重磁控靶台式溅射镀膜仪)

▶ NOYAN

Corrosion InhibitorR Package for Antifreeze & Anti Boil | 用于防冻和防沸腾的腐蚀抑制剂套装

▶ IRASOL

Materials and Equipment for Solar Cells and Other Applications

太阳能电池和其他应用的材料和设备

▶ ARA RESEARCH

Atomic Force Microscope (AFM Microscope) | 原子力显微镜

▶ PARSA POLYMER SHARIF (PPS)

Internal and external plastic parts of automobiles | 汽车的内外塑料零件

▶ Nanomaad Pars

Conductive and Semi Conductive Fabric | 导电和半导体织物

▶ Nuonano Limited

Graphene | 石墨烯

▶ Imen Nano Fam

Fararuy (Zinc hydroxychloride) _ third generation of zinc supplements

Fararuy (羟基氯化锌) 第三代锌补充剂

▶ Sepanta Mehr Mandegar

Zincoatech Antiviral Nanocoating

▶ Polymer Pajouhan Amirkabir

Natural Fruits and Vegetables Cleaner & Disinfectant | 天然水果和蔬菜清洁剂和消毒剂

▶ Sharif fanavaran anil

Ista anti slip solution | Istā 防滑液-哑光陶瓷级

MEDICAL 医疗器材

▶ SinaRobotics

Sina: Robot Remote Surgery System | Sina: 机器人远程手术系统

▶ SiMedix

OpSim: Eye Cataract Surgery Simulator | Op Sim: 眼科手术模拟器

PROJECTS

➤ ExirNanoSina

SinaCurcumin | (纳米胶束姜黄素软胶囊 80mg)

➤ Barij Essence

Herbal Medicine: Rose Oil (Treatment of Otagia and tinnitus Damask Rose)

草药:玫瑰精油(治疗耳痛、耳鸣,大马士革玫瑰)

➤ Parmis

3D medical image post-processing 3D (Kio Glob) | 医学影像后处理(Kio Glob)

➤ Maya Slim Aria (Medaria)

Beauty Product: Skin Tenderness | 美容产品:皮肤嫩肤

➤ Nano Fanavaran Narin Teb

NanoEx: heal and treat diabetic wounds

➤ OmidAfarinan Mohandesi Ayande

Bioprinting Technology | 生物打印技术

➤ Parto Negar Persia Co.

Medical Imaging Equipment | 医疗影像设备

➤ Nano HesgarSazan Salamat Arya

Advanced Medical Technology in Cancer Diagnosis and treatment

癌症诊断和治疗的先进医学技术

➤ Rafsanjan Esans Darou

Neuroherb Capsule | 神经草胶囊

➤ Fanasa Rehabilitation Technologies

Fanasa Spoon | Fanasa 勺子

➤ Asre Sanat Atbeen

Medical Sterile Devices and Medical Gases Devices | 医用无菌设备和医用气体设备

➤ Vira Vaccine Shaya

Various Viral Vaccine | 各种病毒疫苗

IT& IOT & AI

➤ PART Artificial Intelligence Research Center

Designing and manufacturing AI-enabled hardware accelerator

AI 硬件加速器的设计和制造

➤ PADVISH

Anti-ransomware | 反勒索软件

➤ Bridge to Tomorrow (Rayboard)

RayBoard: cloud based digital signage solution | 基于云的数字标牌解决方案

INDUSTRIAL MACHINERY 工业机械

➤ Durali System Design & Automation Company (DSDA)

Hydro Turbine, Governor | 水轮机, 调节器

➤ Paya Sanaat Sama

Cold Compression Strength Test Of Pellets | 颗粒的冷压强度测试

LAB INSTRUMENTS 实验室仪器

➤ TAVANA

General and special lab equipment | 常规和特殊实验室设备

Water and wastewater treatment 水和废水处理

➤ Danesh Pajhohan Sanat Nano (DPSN)

Gray Water Treatment Systems | 废水处理系统

➤ Payamavaran Nano Fanavar (PNF)

water and waste water treatment system | 水和废水处理系统

Water treatment: Arsenic Removal Unit

Water treatment: Solar desalination Unit

➤ Fan Niroo Company (FNC)

Water and waste water treatment system | 水和废水处理系统

PAINT 画

➤ RANGIN NANO SAKHTAR (RANS)

Nano-tech Antibacterial Electrostatic powder coat

纳米科技抗菌静电粉末涂层

➤ KARANGIN

Fire Stop Coating | 防火涂料

NANOTECHNOLOGY 纳米技术



List of Companies 公司名单

- » FANAVARAN NANO MEGHYAS (FNM)
- » Payamavaran Nano Fanavar (PNF)
- » NANO STRUCTURED COATING (NSC)
- » NOYAN
- » IRASOL
- » ARA RESEARCH
- » PARSA POLYMER SHARIF (PPS)
- » Nanomaad Pars
- » Nuonano Limited
- » Imen Nano Fam
- » Sepanta Mehr Mandegar
- » Polymer Pajouhan Amirkabir
- » Sharif fanavaran anil



FANAVARAN NANO MEGHYAS (FNM)

Advantages 优点

cover 240 square meter per hour, which is equivalent to producing 6,000 N95 masks per hour.

新一代的这种设备每小时可覆盖240平方米,相当于每小时可生产6,000个N95口罩。

Industrial Nanofiber Production Line (INFL6100) 工业级纳米纤维生产线 (INFL1600)

PATENT

China Patent



申请公布号 CN 109952394 A
申请公布日 2019. 06. 28

US Patent



US 20180010263A1



China Patent
中国专利数

1



US Patent
美国专利数

7



International
Cooperation
国际合作



China



Malaysia



South Korea



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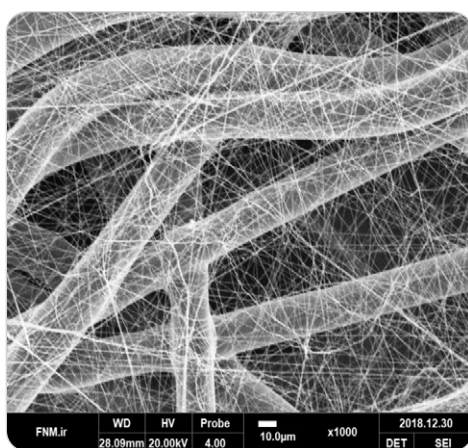
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FANAVARAN NANO MEGHYAS (FNM)

Application of nanofibers in the filtration industry 纳米纤维在过滤行业中的应用

- Massive production 空气过滤
- Air filtration 量产
- Gas turbine air filter 燃气轮机空滤
- Car engine air filter 汽车发动机空滤
- Clean room air filter 洁净室空滤
- Dust bag 除尘袋
- Antibacterial air filter 抗菌空滤
- High efficiency air filter 高效空滤
- Mask filter 口罩过滤



➤ This new generation of equipment can cover 240 square meters per hour, which is equivalent to producing 6,000 N95 masks per hour.

➤ 新一代设备每小时可覆盖240平方米,相当于每小时生产6000个N95口罩。



Payamavaran Nano Fanavar (PNF)

Advantages 优点

- ▶ Massive production 批量生产
- ▶ Producing pure nanoparticle 生产纯纳米颗粒
- ▶ Green Technology 绿色科技
- ▶ Chemical Free 无化学物质
- ▶ Affordable method 经济实惠的方法
- ▶ Short-time process 短时处理

Metal-based
Nanoparticles
纳米金属颗粒



Nano Particles 纳米颗粒

- ▶ Nano Silver colloid 纳米银胶体
- ▶ Nano Copper Colloid 纳米铜胶体
- ▶ Nano Aluminum Colloid 纳米铝胶体
- ▶ Metal Nano Alloys 金属纳米合金
- ▶ Nano Iron Colloid 纳米铁胶体
- ▶ Nano Gold Colloid 纳米金胶体



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NANO STRUCTURED COATING (NSC)

NSC Co. is a designer and manufacturer of high quality and reliable vacuum coating systems.

NSC 公司是高品质和可靠真空镀膜系统的设计商和制造商

DESK SPUTTER COATER DST-3T
High Vacuum, Triple Magnetron
Target Desk Sputter Coater
高真空, 三重磁控靶台式溅射镀膜仪



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Desk Thermal Evaporator - DTT



High Vacuum Desk Carbon Coater - DCT



High Vacuum Desk Sputter Coater
DST170-1



Pulsed Laser Deposition/Thermal
Evaporation Coater - PLD



High Vacuum Sputter/Carbon Coater
DSCT



NOYAN

Noyan Co. able to produce its products in accordance with various standards set by automotive companies that is completely compatible with all types of cars.

Noyan公司拥有专业和经验丰富的人员,能够按照汽车公司制定的各种标准生产产品,完全兼容所有类型的汽车。

CORRISON INHIBITOR PACKAGE FOR ANTIFREEZE & ANTI BOIL

用于防冻和防沸腾的腐蚀抑制剂套装



BRAKE FLUID ADDITIVE PACKAGE 制动液添加剂组



WINDSHIELD Cleaner 挡风玻璃清洁剂



BRAKE FLUID 制动液



ANTI FREEZE & ANTI BOIL 防冻剂及防沸腾



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Inks and Pastes for Solar Cells and Printed Electronics

用于太阳能电池和印刷电子产品的油墨和浆料

Materials and Equipment for Solar Cells and Other Applications
太阳能电池及其他应用的材料和设备

Products 产品

Metal Inks and Pastes



1. Au stable ink to deposit Au films

Application: Deposition or printing gold on substrates.

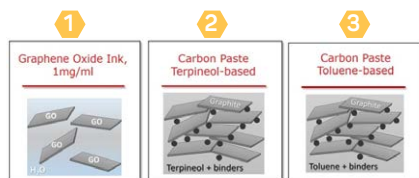
2. Silver conductive ink for wiring and metal contact

Application: Deposition or printing silver or making metal contact.

3. Silver nanowire ink to deposit transparent conductive electrodes

Application: Transparent conductive Electrode fabrication

Carbon Inks and Pastes 碳墨和碳浆



1. Stable Go dispersion for high quality Go deposition

Application: Highly uniform films of graphene oxide on substrates

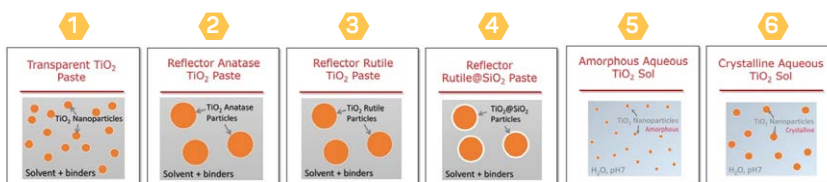
2. Carbon paste (terpineol based) as a conductive electrode

Application: Carbon electrode for dye solar cells and other devices

3. Toluene-based carbon paste suitable for perovskite solar cells

Application: Flexible carbon electrode, for perovskite solar cells and other devices

Metal Oxide Inks and Pastes



1. Ideal paste for meso-TiO2 deposition

Application: Highly uniform and transparent TiO2 membranes For dye solar cells and UF.

2. paste of anatase TiO2 particles for reflection layer of DSSCs

3. paste of rutile TiO2 particles for reflection layer of DSSCs

4. paste of rutile TiO2 particles coated with SiO2 for reflection layer of DSSCs

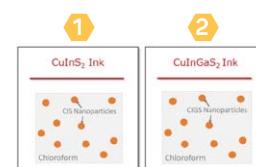
Application: Very high diffuse reflectivity layers For dye solar cells and other applications

5. Amorphous TiO2 stable neutral aqueous sol with no dispersing agent

6. Nanocrystal TiO2 stable neutral aqueous sol with no dispersing agent

Application: Very stable, pH 7, no stabilizer TiO2 dispersion For self-cleaning coating, and other TiO2 film applications.

Metal Oxide Inks and Pastes



1. Stable dispersion to deposit high performance HTM layers

2. Stable dispersion efficient absorbing layer of CIGS solar Cell

Application: CIGS stable dispersion to deposit CIGS For CIGS and perovskite solar cells.



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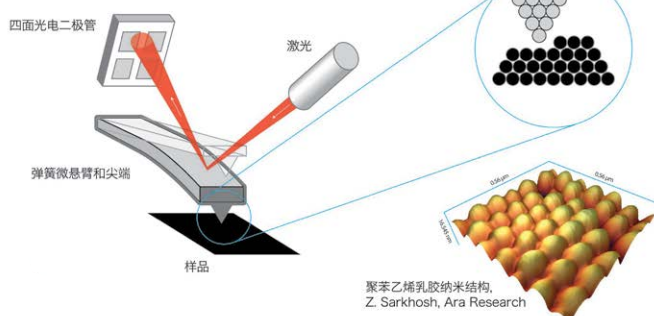
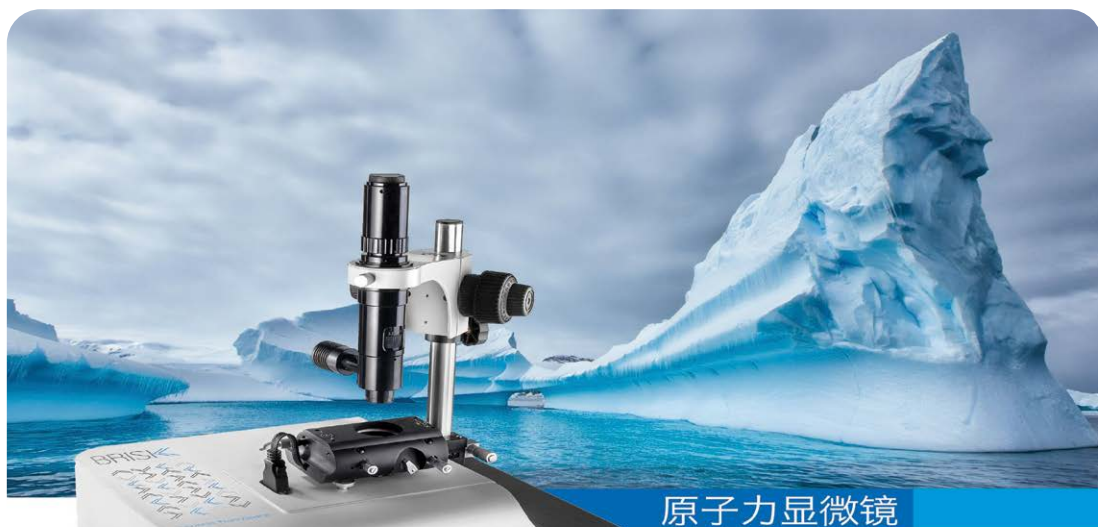


ARA RESEARCH

Ara Research has 20 years of experience in the production of nanotechnology equipment and has equipped 80 universities, research centers and hospitals with AFMs systems. The company's atomic force microscopes have diverse and non-replicable functional modes.

Ara Research 在生产纳米技术设备方面有着20年的经验,为80所大学、研究中心和医院等配备了AFMs系统。公司的生产的原子力显微镜具有多样、不可复制的功能模式。

Atomic Force Microscope (AFM Microscope) 原子力显微镜



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PARSA POLYMER SHARIF (PPS)

Parsa Polymer Sharif Co. Is One of The Leading Advanced Polymer Compounds Manufacturer with Wide Variety of Products Essential to Everyday Living. Since Its Establishment In 2007, Mission of Parsa Polymer Sharif Co. Has Been to Diligence to Produce the Best Engineering-Designed Plastic Compounds in The Region. Parsa Polymer Sharif Is an Innovative Knowledge Company That Meets the Market's Demands for World-Class End Products.

Parsa Polymer Sharif Co.是领先的先进高分子化合物制造商, 其产品种类繁多, 对日常生活至关重要。自2007年成立以来, Parsa Polymer Sharif Co.一直致力于生产该地区最佳的工程设计塑料化合物。Parsa Polymer Sharif是一家创新知识公司, 可以满足市场对世界一流终端产品的需求。

PPS's products can be used in the following areas:
PPS公司的产品可应用于以下领域:

- ▶ car 汽车
- ▶ Household appliances 家用电器
- ▶ pipeline 管道
- ▶ consumer goods 消费品
- ▶ Industries 工业
- ▶ Packaging industry 包装业



Nanomaad Pars

Conductive and Anti-Radiation Textiles towards True
Wearable Technology

导电和抗辐射纺织品走向真正的可穿戴技术

Productions of Nano Maad Pars

- ❖ Conductive and Semi Conductive Fabric
- ❖ Flexible Electrode
- ❖ Anti Wave Fabric & Clothes
- ❖ X-Ray Protection Fabric
- ❖ Conductive and Semi Conductive Master Batch
- ❖ Heated Fabric & Clothes
- ❖ Anti-Bacterial & Water Replant Material
- ❖ Flame Retardant & Water Replant Material
- ❖ Anti-Static & Water Replant Material



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Nuonano Limited

Nuonano Limited was established in 2018 in UK. Most of the activities of this company are in the development of advanced nanomaterials using green processes.

Noonan公司于2018年成立于英国，主要从事于利用绿色工艺研发先进的纳米材料。

Products 产品

- ▶ Few-layer pristine graphene powder
薄层纯石墨烯粉末
- ▶ Zinc oxide (ZnO) nanoparticles powder or dispersed in different solvents
氧化锌纳米颗粒粉末或分散在不同溶剂中
- ▶ Iron oxide (Fe₂O₃ or F3O4) nanoparticles powder or dispersed in different solvents
氧化铁 (Fe₂O₃ 或 F3O4) 纳米颗粒粉末或分散在不同溶剂中的氧化铁纳米颗粒
- ▶ Silver (Ag) nanoparticles powder or dispersed in different solvents
银 (Ag) 纳米颗粒粉末或分散在不同溶剂中的纳米银颗粒
- ▶ Other metal and metal oxide nanoparticles
其他金属和金属氧化物纳米颗粒

- ▶ High quality pristine graphene powder, comprising well-exfoliated mono and few-layer graphene with low defect levels and nearly zero oxygen content developed by a patented green process.

高品质纯石墨烯粉末，包含剥离良好的单层和薄层石墨烯，其缺陷率低且含氧量接近于零



- ▶ Nanoparticles dispersed in organic or inorganic solvents, delivered accurate control of nanoparticle size, a narrow size distribution of nanoparticles, and nanoparticles dispersed directly into solvent.

分散在有机或无机溶剂中的纳米颗粒——可精确控制纳米颗粒的尺寸、实现纳米颗粒的窄尺寸分布，以及可直接将纳米颗粒分散到溶剂中



Highly stable and transparent dispersion of the nanoparticles developed by a patented process.

通过专利工艺开发的高度稳定和透明的纳米颗粒分散体。

▶ US Patent
美国专利数 **2**

▶ UK Patent
英国专利数 **1**



Imen Nano Fam (INF)

INF Knowledge-based company operates in the field of production of chemical materials and products based on advanced technologies, including nanotechnology. For the first time in Iran, this company has been able to produce the third generation of zinc supplements with world quality with experienced specialists along with the latest technologies in the world.

INF Fararuy (zinc hydroxychloride) represents the latest, most technically advanced trace mineral technology designed to deliver more zinc to the animal's blood stream, driving optimised animal health and productivity while remaining cost effective.

INF Knowledge-based company 基于先进技术 (包括纳米技术), 在化学材料和产品生产领域开展业务。伊朗首次, 公司有经验丰富的专家和世界最新技术生产具有世界品质的第三代锌补充剂。

INF Fararuy (羟基氯化锌) 代表了最新、技术最先进的微量矿物质技术, 旨在为动物的血液提供更多的锌, 在保持成本效益的同时优化动物的健康和生产力。

Fararuy
(Zinc hydroxychloride)
is the third generation of
zinc supplements

Fararuy (羟基氯化锌)
是第三代锌补充剂



FEATURES 特点

- Highly stable – does not destroy or tie up essential nutrients in the feed/premix such as vitamins, enzymes, fats, probiotics, etc.
高度稳定——不会破坏或束缚饲料/预混料中的必需营养素, 如维生素、酶、脂肪、益生菌等。
- Superior handling – non-hygroscopic and no clumping, resulting in better mix homogeneity.
卓越的处理能力——不吸湿且不结块, 从而实现更好的混合均匀性。
- Bioavailability – Significantly reduced interaction with feed and or upper GI tract antagonists, along with the gradual release of soluble zinc from the crystal matrix allows for a significant increase in the amount of zinc that is available for use by the animal.
生物利用度——显著降低与饲料和/或上消化道拮抗剂的相互作用, 随着可溶性锌从晶体基质中逐渐释放, 可显著增加动物可利用的锌量。
- Tolerance – The unique chemical / physiological properties of INF Fararuy make it a safer product to utilise than zinc sulphate.
耐受性- INF Fararuy 独特的化学/生理特性使其成为比硫酸锌更安全的产品。
- Productivity and bio-efficacy – increased bioavailability supports superior animal well-being while driving optimised animal productivity
生产力和生物功效——增加的生物利用度支持卓越的动物福利, 同时推动优化的动物生产力
- Approved for use in Organic (Ecological) production – zinc hydroxychloride has been listed by OMRI as an approved source of zinc supplementation in organically produced animals.
获准用于有机(生态)生产——羟基氯化锌已被 OMRI 列为批准的有机生产动物补锌来源。

Benefits 优点

- Prevents zinc deficiencies
- Boosts fat soluble vitamin stability
- Supports optimised tissue integrity and muscle accretion
- Supports stress resistance
- Supports hoof and skin integrity
- Optimises immune competency
- Improves feed conversion rate
- Supports improved weight gain and carcass yield / quality
- 防止锌缺乏
- 提高脂溶性维生素的稳定性
- 支持优化的组织完整性和肌肉增生
- 支持抗压
- 支持蹄和皮肤的完整性
- 优化免疫能力
- 提高饲料转化率
- 支持改善体重增加和胴体产量/质量





Sepanta Mehr Mandegar

Sepanta Mehr Mandegar is a company mainly focused on the design, fabrication and characterization of high-quality advanced nanomaterials. In our most recent project, we offer ground-breaking Antimicrobial nanomaterial under the name of the Zincoatech® brand which is highly effective against n-SARS-CoV2 virus.

The offering consists of Antimicrobial nanomaterials, treatment of fabrics or material, functional solutions, knowledge, and active support for Anti-microbial and Anti-pathogenic properties.

SepantaMehrMandegar 是一家主要专注于设计、制造和表征高质量先进纳米材料的公司。

在我们最近的项目中，我们以Zincoatech®品牌的名义提供突破性的抗菌纳米材料，该材料对 n-SARS-CoV2 病毒非常有效。

该产品包括抗菌纳米材料、织物或材料的处理、功能解决方案、知识以及对抗菌和抗病原体特性的积极支持。

Products 产品

➤ Zincoatech® antimicrobial

Nanocomposite agent

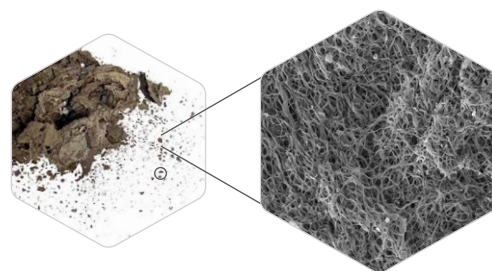
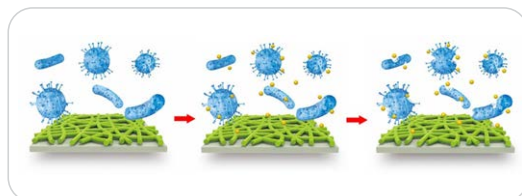
Zincoatech®抗菌纳米复合剂

➤ Zincoatech® Antiviral, Antibacterial

and Anti-fungal textile treatments

(Nonwoven and Woven)

Zincoatech®抗病毒、抗菌和抗真菌纺织品处理（无纺布和机织）



Zincoatech® Antimicrobial

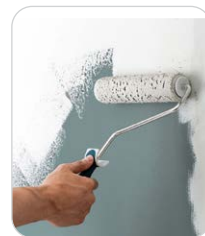
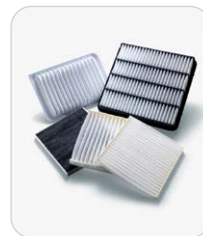
Nanocomposite agent

Zincoatech®抗菌纳米复合剂

Zincoatech is the zinc oxide-based inorganic antimicrobial agent commercialized by Sepanta Mehr Mandegar Inc. which is scientifically proven to kill and destroy **n-SARS-CoV-2** virus and bacteria such as E.Coli and S.Aureus by over **99.5%** based on ISO18184 and AATCC100 standards.

it is environment friendly, and does not carry any harmful toxin that might be harmful to human body

Zincoatech 是由 Sepanta MehrMandegar 公司商业化的氧化锌基无机抗菌剂。经科学证明，基于 ISO18184 和 AATCC100标准，它可以杀死和消灭超过 **99.5%** 的 **n-SARS-CoV-2** 病毒和细菌（如大肠杆菌和金黄色葡萄球菌）。并且对环境友好，不携带任何可能对人体有害的毒素。



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Polymer Pajouhan Amirkabir

In Polymer Pajouhan Amirkabir, by using Natural Ingredients and relying on Nanotechnology, we develop our products in the fields of Food, Hygiene, and Cosmetics.

Our focus is on three essential customer values, improving the performance of natural ingredients and providing products with reasonable prices in possible applications. We want to replace chemical products that are harmful with natural products.

Our products' values:

- High-Performance
- Affordable
- Natural
- Diverse Applications

在 Polymer Pajouhan Amirkabir 中, 我们通过使用天然成分并依靠纳米技术, 在食品、卫生和化妆品领域中开发我们的产品。

我们的重点是三个基本的客户价值, 提高天然成分的性能, 并在可能的应用中提供价格合理的产品。 我们想用天然产品代替有害的化学产品。

我们的产品价值观:

- 高性能
- 经济实惠
- 自然
- 多样化的应用

Natural Fruits and Vegetables Cleaner & Disinfectant (Available)

天然水果和蔬菜清洁剂和消毒剂 (有售)

We developed a Natural Fruits and Vegetables Cleaner & Disinfectant that can be used on fresh fruits and vegetables. This product has four main features:

- Natural & GRAS (Generally Recognized As Safe) ingredients
- Removes Germs, Bacteria, Contaminants, ...
- Protect Fruits and Vegetables from decay
- Reasonable Price

Integration the nanotechnology with the mixture of a Natural Polymer and Herbal/Essential oils provides products with great antimicrobial properties.

The formulation is Biodegradable and Environmentally Friendly. This product has successfully passed the Bacterial standard, EN 1276 which required the elimination of the two gram-negative and two gram-positive bacteria (99.999% reduction).

我们开发了一种可用于新鲜水果和蔬菜的天然水果和蔬菜清洁剂和消毒剂。本产品有四大特点:

- 天然和 GRAS (公认安全) 成分
- 去除病菌、细菌、污染物...
- 防止水果和蔬菜腐烂
- 价格公道

将纳米技术与天然聚合物和草本/精油的混合物相结合, 提供具有出色抗菌性能的产品

该配方可生物降解且环保。该产品已成功通过细菌标准 EN 1276, 该标准要求消除两种革兰氏阴性菌和两种革兰氏阳性菌 (减少 99.999%)。



Coming Soon ... 即将推出 ...

- Natural Baby Equipments Cleaner & Disinfectant
天然婴儿用品清洁剂和消毒剂
- Natural Mouthwashes (Different Types)
天然漱口水 (不同类型)
- Natural Deodorants (Different Types)
天然除臭剂 (不同类型)



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Sharif fanavaran anil

Sharif Fanavaran Anil Knowledge-Based Company was established in January 2015 .The company's three product lines include: Ista anti slip solution, Damaro thermal silicone paste and Nanomobil car detailing products.

Sharif Fanavaran Anil Knowledge-Based Company成立于2015年1月，公司三大产线包括：Ista防滑液、Damaro导热硅胶膏和Nanomobil汽车美容产品。

➤ Ista anti slip solution-Matt Ceramic Grade



Ista 防滑液-哑光陶瓷级

➤ Ista anti slip solution-Glassy Ceramic Grade



Ista 防滑液-玻璃陶瓷级

➤ Ista anti slip solution-Stone Grade



Ista 防滑液-石材级

➤ Ista anti slip solution-Pool Tile Grade



Ista 防滑液-泳池瓷砖等级

➤ Damaro Thermal Paste-D2+ZnO



Damaro 导热膏-D2+ZnO

➤ Damaro Thermal Paste-D3+Alumina



Damaro 导热膏-D3+氧化铝

➤ Damaro Thermal Paste-D2+Carbon



Damaro 导热膏-D2+碳

➤ Damaro Thermal Paste-D4+Silver



Damaro 导热膏-D4+银



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MEDICAL 医疗的



List of Companies 公司名单

- » SinaRobotics
- » SiMedix
- » ExirNanoSina
- » Barij Essence
- » Parmis
- » Maya Slim Aria (Medaria)
- » Nano Fanavaran Narin Teb
- » OmidAfarinan Mohandesi Ayande
- » Parto Negar Persia Co.
- » Nano HesgarSazan Salamat Arya
- » Rafsanjan Esans Darou
- » Fanasa Rehabilitation Technologies
- » Asre Sanat Atbeen
- » Vira Vaccine Shaya

SinaRobotics

SinaRobotics main project is the design, manufacture and development of advanced and innovative medical equipment in the field of medical education, diagnosis, treatment and post-treatment care related to medical robots.

SinaRobotics 主要项目是设计、制造和开发与医疗机器人相关的医学教育、诊断、治疗和治疗后护理领域的先进和创新医疗设备。

Sina: Robot Remote Surgery System

Sina: 机器人远程手术系统



Application areas and clinical: 应用领域和临床

- General surgery, urology, gynecology, chest, throat
普外科, 泌尿科, 妇科, 胸部, 喉咙

The importance and advantages of using this equipment 使用该设备的重要性和优势

- Improve the accuracy and quality of surgery (zoom and eliminate vibration)
提高手术的准确性和质量 (缩放并消除振动)
- Perform complex surgery with minimal harm to the patient
执行复杂的手术, 对患者的伤害最小
- Maintain the ergonomics of the surgeon when sitting and reduce fatigue
保持外科医生坐时的人体工程学, 并减少疲劳
- Able to keep the surgeon outside the operating room and away from existing infections and radiation
能够使外科医生在手术室之外并远离现有的感染和辐射

International Cooperation 国际合作



US Patent
美国专利数

7

China Patent
中国专利数

3



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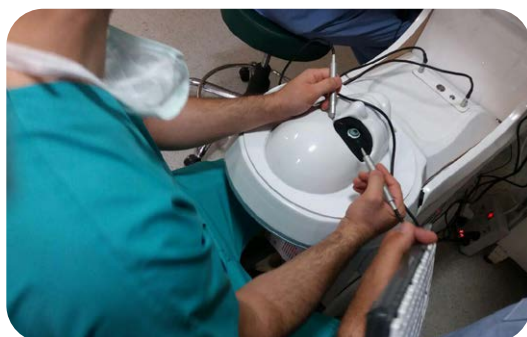
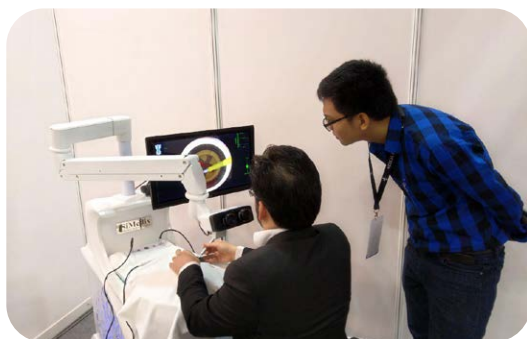


SiMedix

Advantages 优点

- ▶ Ability to practice potentially risky scenarios in a safe environment
在安全的环境中练习潜在风险场景的能力
- ▶ Increases knowledge retention by more exercising
通过更多的锻炼来提升知识储备
- ▶ Reporting in a more complete, consistent and objective form
以更完整,一致和客观的形式进行报告
- ▶ Demonstration what students have learned
示范学生所学的知识

OpSim: Eye Cataract Surgery Simulator Op Sim: 眼科手术模拟器



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International Cooperation 国际合作



China



Russia



Singapore



Malaysia



India

ExirNanoSina

ExirNanoSina strengths lie in:
lipid-based formulation and scale-up for parenteral, oral and topical
drugs using liposomes, micelles and nanoparticles to optimize the
pharmacokinetics of drugs.

公司的强项是脂质体配方以及将脂质体、胶束和纳米颗粒放大应用于
注射、口服及外用药物，以优化药物的药代动力学。

➤ SinaCurcumin (纳米胶束姜黄素软胶囊 80mg)



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➤ SinaDoxosome (盐酸阿霉素脂质体注射液 2mg/ml)



➤ Sina Ampholish

(两性霉素B纳米脂质体局部用凝胶)

Barij Essence

BARIJ Essence Co. is active in the field of growing medical plants, producing herbal supplements and distributing its product.

BARIJ Essence Co.从事种植药用植物, 生产草药补品和产品销售

Barij Rose Oil Barij玫瑰精油

Treatment of otalgia and tinnitus Damask rose (Rose damascena) and sesame oil (Sesamum indicum L.)

治疗耳痛和耳鸣, 大马士革玫瑰 (Rose damascena) 和芝麻油 (Sesamum indicum L.)



Barij Products Category 产品目录



Gastrointestinal System



Respiratory System



Gynecology and Obstetrics



Urology



Glands-Cardiovascular System



Tonic and appetizer



Weight Loss



Strengthening Sexual Powers



Skin and Hair



Kids



Analgesic Musculoskeletal



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Parmis

KIO® provides advanced MR imaging post-processing through the entire site of the innovative medical imaging application “KIO Glob”, which can significantly improve the diagnosis process and subsequent evaluation.

3D medical image post-processing Kio Glob is a medical software developed by KIO. This medical software is for professional use only.

KIO®在创新的医学成像应用程序“KIO Glob”的整个站点内提供高级MR成像后处理,可显著改善诊断过程和后续评估。

3D医学影像后处理Kio Glob是由KIO开发的医学软件。本医疗软件仅供专业人士使用。

➤ Structured Patient Data 结构化患者数据

Connect all relevant data for your patient treatment, including images, documents and various forms tailored to your requirements
连接用于患者治疗的所有相关数据,包括图像,文档和各种适合您要求的表格。

➤ Online Professional Network 在线专业网络

Connect with your colleague to build a medical referral network and share plans and feedback online with advanced commenting tools.
与您的同事建立一个医疗咨询网,并使用高级评论工具在线共享计划和反馈。

➤ Advanced Online Viewer 高级在线查看器

View 2D and 3D images from multiple modalities including MPR reconstructions, 3D volume rendering and measurement tools.
从多种模式查看2D和3D图像,包括MPR重建,3D体积渲染和测量工具。

➤ KIO Application Integration KIO应用集成

Integrate powerful treatment and planning tools from KIO to get the most out of patient images and obtain comprehensive information.
集成来自KIO的强大治疗和计划工具,以充分利用患者图像并获取全面的信息。

➤ Access on the Go 随时随地访问

Securely access patient data from your iPhone or iPad and Android. View MRs, CTs, X-Rays, and documents, and share them to collaborate with colleagues.
从您的iPhone或iPad和Android安全访问患者数据。查看MR, CT, X射线和文档,并共享它们以与同事协作。

➤ KIO Supports Clinical Studies KIO支持临床研究

Fast and easy to quantification apps 快速简便的定量应用程序
Clinical data collection, enrichment and analysis 临床数据收集,充实和分析
Collaboration between different clinical facilities 不同临床机构之间的合作



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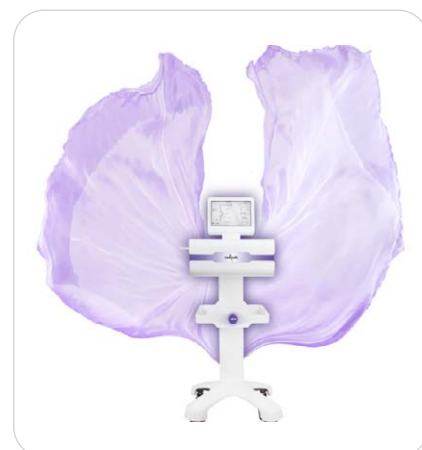
Maya Slim Aria (Medaria)

Medaria is a medical device company that focuses on anti-aging fields such as beauty, dermatology, gynecology, urology and dentistry.

Medaria是一家医疗器械公司，专注于抗衰老领域，例如美容，皮肤学，妇科，泌尿科和牙科。

The main areas of Medaria are Medaria 主要领域有

- ▶ Gynecology: vaginal tightening
妇科：阴道紧缩
- ▶ Urology: erectile dysfunction
泌尿外科：勃起功能障碍
- ▶ Ophthalmoplasty: non-surgical blepharoplasty
眼成形术：非手术性眼睑成形术
- ▶ Aesthetic medicine: skin tenderness
美容医学：皮肤嫩
- ▶ Fitness and physiotherapy: partial slimming
健身与理疗：局部瘦身



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Nano Fanavaran Narin Teb

NNT was based on academic research group to touch the health of people with chronic wounds, interpreting our idea into reality

NNT拥有专业的学术研究团队,致力于通过将各种大胆想法变为现实,为有慢性伤口的广大患者带来健康。

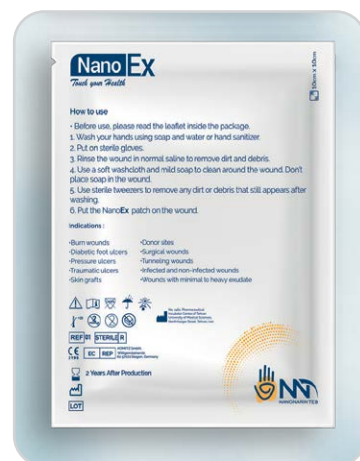
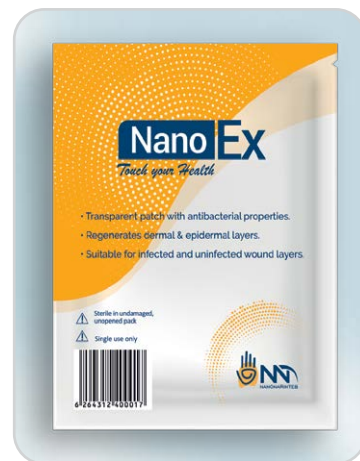
NanoEx

This device can be used to heal and treat diabetic, cavity and low to moderate severity wounds, both chronic and acute wounds. People with diabetic or non-diabetic wounds, people with bed sores, low to medium severity wounds

该产品可用于治疗各种慢性和急性伤口,包括糖尿病患者或非糖尿病人群的伤口、褥疮患者的伤口、低至中等程度的伤口等。

Advantages 优点

- | | |
|------------------------|----------|
| ▶ Transparency | ▶ 透明 |
| ▶ Biodegradable | ▶ 可生物降解 |
| ▶ Biocompatible | ▶ 生物相容性好 |
| ▶ Flexible | ▶ 使用简便 |
| ▶ Nanofiber structure | ▶ 纳米纤维结构 |
| ▶ Porous | ▶ 多孔 |
| ▶ appropriate adhesion | ▶ 有一定黏附力 |



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OmidAfarinan Mohandesi Ayande

OmidAfarinan company was founded in 2016 and is the first 3D bioprinter manufacturer in the region. Believing that it could build the future of bioprinting technology with a cooperative spirit, the team began its activities by developing top-level bioprinters with cutting-edge technologies. After welcoming the customers of the bioprinters and taking into account the specialists' needs, the company has been offering a variety of bioinks for different tissues and customized bioprinting technologies for bone, skin and cartilage tissues.

OmidAfarinan 公司成立于 2016 年, 是该地区第一家 3D 生物打印机制造商。团队相信以合作精神共建生物打印技术的未来, 从研发尖端技术的顶级生物打印机开始。在欢迎生物打印机的客户并考虑到专家的需求后, 该公司一直提供各种组织用生物墨水以及针对骨骼、皮肤和软骨组织的定制生物打印技术。

Products 产品

► Bioprinters

Four bioprinters with customized printheads

生物打印机: 四台带有定制打印头的生物打印机

► Bioinks

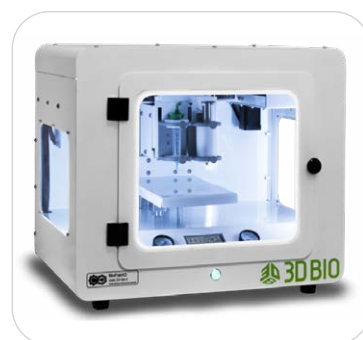
12 bioinks for soft and hard tissues (Bone, Skin, Cartilage, and....)

生物墨水: 12 种用于软组织和硬组织 (骨骼、皮肤、软骨和.....) 的生物墨水

► Customized bioprinting technologies: techniques for bioprinting

complex tissues such as the cornea, vessels, and so on.

定制化生物打印技术: 用于生物打印角膜、血管等复杂组织的技术。



Advantages 优点

► Up to Four Multiple Printheads

多达四个多打印头

► Pneumatic Driven Extrusion Technology

气动挤压技术

► Axis Resolution: 5 µm

轴分辨率: 5 µm

► Exchangeable Printheads: High Temperature Printhead, Low Temperature Printhead, Syringe Pump Printhead, Photocuring Printhead, Coaxial Bioprinting Printhead, FDM Printhead.

可更换打印头: 高温打印头、低温打印头、注射泵打印头、光固化打印头、同轴生物打印头、FDM 打印头



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Parto Negar Persia Co.

Parto Negar Persia

Parto Negar Persia (PNP) Company was established and registered in Tehran on 2010 which specializes in design, produce, installation and maintenance of medical imaging equipment.

PartoNegar Persia (PNP) 公司于 2010 年在德黑兰成立并注册, 专门从事医学影像设备的设计、生产、安装和维护。PNP 已经设计和开发了不同的 NM 系统, 包括:



Whole Body SPECT Imaging 全身 SPECT 成像

双头可变角度通用
SPECT 系统 基于方形
PMT 的高性能数字探测器

- Dual Head Variable Angle General SPECT System High performance digital detector based on square PMT



ProSPECT II

- Dual Head Dedicated Cardiac SPECT: A Professional Solution for Cardiac Imaging
双头专用心脏 SPECT: 心脏成像的专业解决方案

Xtrim PET

- Animal PET imaging system
动物 PET 成像系统

- High performance and versatility for your preclinical imaging research needs
满足临床前成像研究需求的高性能和多功能性



HiReSPECT

- Dual head small animal SPECT
双头小动物 SPECT

- High Resolution Animal SPECT Imaging System
高分辨率动物 SPECT 成像系统



HeliGuide

- Urea Breath Test System
reliable, easy to use, painless, non invasive, high speed and cost effective test for detecting H.pylori

尿素呼气测试系统, 可靠、易于使用、无痛、无创、高速且具有成本效益的检测幽门螺杆菌的测试



GammaPen 伽玛笔

- All in one gamma probe
多合一伽马探头
- user friendly pocket gamma probe
用户友好的袖珍伽马探头



SURGEGUIDE II (Gamma Probe) 伽马探针

- The most common and most favorite device for surgeons providing an easy to use small hand held device for detecting and localizing sentinel lymph nodes

外科医生最常用和最喜欢的设备, 提供易于使用的小型手持设备, 用于检测和定位前哨淋巴结



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Nano HesgarSazan Salamat Arya

Nano Hesgar Sazan Salamat Arya is a knowledge enterprise that has started working in the field of Designing and Manufacturing medical equipment and products with advanced technology in cancer diagnosis and treatment (including microfluidic chips, nano biosensors, graphene-based sensors, diagnostic probes, nanowires, and nanotubes).

NanoHesgarSazanSalamat Arya 是一家知识型企业, 开始致力于设计和制造具有癌症诊断和治疗先进技术的医疗设备和产品(包括微流控芯片、纳米生物传感器、基于石墨烯的传感器、诊断探针、纳米线和纳米管)。

Products 产品

▶ CDP (Cancer Diagnostic Probe)

CDP (癌症诊断探针)

checking the cavity-side margins during surgery for breast cancer patients is critical to ensure the definitive removal of suspicious and high-risk lesions with minimal damage to normal tissue. Remaining cancer cells in the breast causes re-surgeries and inevitable post-surgical treatments, which will have several side effects. The CDP (Cancer Diagnosis Probe) system, developed for the first time globally, is based on the real-time electrochemical measurement of the hypoxia glycolysis metabolism in precancerous and cancerous lesions in cavity side margins during the surgery.

在乳腺癌患者的手术过程中检查腔侧边缘对于确保在对正常组织损伤最小的情况下彻底清除可疑和高危病变至关重要。乳房中残留的癌细胞会导致再次手术和不可避免的术后治疗, 这会产生多种副作用。CDP (Cancer Diagnosis Probe) 系统是全球首次开发的, 基于对手术过程中腔侧边缘癌前病变和癌变病变中缺氧糖酵解代谢的实时电化学测量。

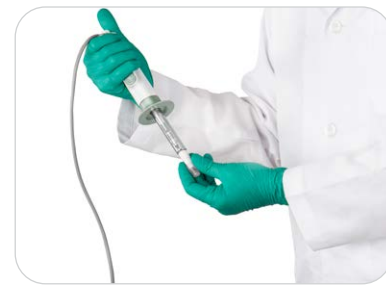


▶ RDSS (ROS Detector sputum sample)

RDSS (ROS 探测器痰液样本)

RDSS is a real-time ROS detection system in the sputum sample that detects Reactive Oxygen Species of respiratory and inflammatory cells (pulmonary inflammation detection system) using an electrochemical sensor containing a nanostructured ROS-sensitive material.

RDSS 是痰样本中的实时 ROS 检测系统, 它使用包含纳米结构 ROS 敏感材料的电化学传感器检测呼吸和炎症细胞的活性氧种类(肺部炎症检测系统)。



US Patent
美国专利数

4



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Rafsanjan Esans Darou

Rafsanjan Esans Darou is a knowledge-based company. We are 8 faculty members of Rafsanjan University of Medical Sciences, Rafsanjan, Iran; two neurologists, three physiologists, two pharmacologists and one analytical chemist. Our team works on the medicinal plants, scientifically. Extraction and formulation of the active ingredients of the plant, animal-model studies and clinical trials are the main activities of our group.

RafsanjanEsansDarou 是一家知识型公司。公司团队的核心成员为8位伊朗拉夫桑詹医科大学的教师, 包括两名神经学家、三名生理学家、两名药理学家和一名化学分析师。团队主要从事药用植物的科学研究, 包括提取植物中的活性成分并研究各种配方、开展动物模型研究及临床试验。

Neuroherb Capsule 神经药草胶囊

Our product is a neuroherb capsule contains 500 mg Achillea millefolium extract. This medical supplement reduces muscle spasm, brain inflammation, plaque volume and annual relapse rate in Multiple sclerosis (MS) patients.

我们研发的神经药草胶囊中包含500毫克的欧蓍草提取物, 这类成分有助于减轻肌肉痉挛和脑部炎症, 并降低多发性硬化 (MS) 患者的斑块体积和年复发率。

Advantages 优点

- ◆ Neuroprotective
神经保护
- ◆ Anti-inflammatory
抗炎药
- ◆ Sedative
镇静药
- ◆ Anti-anxiety
抗焦虑
- ◆ Anti-depressant
抗抑郁



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Fanasa Rehabilitation Technologies

Fanasa Rehabilitation Technologies

Fanasa Rehabilitation Technologies is a knowledge-based company that aims to design hi-tech rehabilitation gadgets for patients with neurodegenerative diseases.

we are going to develop revolutionary and cutting-edge technologies that can make dramatic changes in neurological patient's lives, making them worry-free about the disease and its cons!

Fanasa Rehabilitation Technologies 是一家知识型公司,旨在为神经退行性疾病患者设计高科技康复设备。

我们将开发革命性的尖端技术,让神经病患者的生活发生翻天覆地的变化,让他们对疾病及其弊端无后顾之忧!

Fanasa Spoon Fanasa勺子

An innovative kind of spoon to help people suffering from tremor (patients with Parkinson's disease, Essential tremor or elder people) have their meals independently without stress by minimizing the effect of hand tremor.

一种创新的勺子,通过最大限度地减少手部震颤的影响,帮助震颤患者(帕金森病患者、特发性震颤或老年人)独立用餐,无压力。



Some key features are 主要特点:

- ▶ **Different Utensil Attachment**
不同的器具附件
- ▶ **Ergonomic Design**
人体工学设计
- ▶ **Light Weight**
重量轻
- ▶ **Fast Charging Battery**
快速充电电池
- ▶ **Fully Charged Battery Can Run 5-3 Meals**
充满电的电池可以运行 3-5 餐



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ASRE SANAT ATBEEN
Knowledge Base

Asre Sanat Atbeen

A.S.A Atbeen Company has been working since 2005 to improve the quality and quantity of medical and health products. The company is specialized in designing and manufacturing of medical equipment in the field of sterile devices and medical gases (such as Oxygen and Nitrogen). The company is managed by people active in academia and industry and fully aware of the need for health centers. It has installed more than 250 machines in various centers of Iran, Armenia, Azerbaijan, Spain (OEM) and etc. We claim that ASA devices compare with the best European brands in terms of quality and price. Our ISO13485 and ISO9001 Certificates help to produce in high quality and customers enjoy our guarantee and trust us.

A.S.A Atbeen 公司自 2005 年以来一直致力于提高医疗保健产品的质量和数量。公司专业从事无菌器械和医用气体 (如氧气和氮气) 领域的医疗设备的设计和制造。公司由活跃于学术界和工业界的人员管理, 充分意识到对健康中心的需求。已在伊朗、亚美尼亚、阿塞拜疆、西班牙 (OEM) 等各个中心安装了 250 多台机器。我们的 ASA 设备在质量和价格方面可与欧洲最好的品牌相媲美。我们的 ISO13485 和 ISO9001 证书有助于高质量生产, 客户满意我们的保证并信任我们。

Products 产品

Medical Oxygen Generator (100 to 1000 l/min) 医用氧气发生器 (100 至 1000 l/min)

Produce medical Oxygen for hospital and medical center
为医院和医疗中心生产医用氧气



Autoclave Device (small, medium and large size) 高压釜装置 (小、中、大尺寸)

- Small autoclave for Private doctor's office
私人医生办公室的小型高压釜
- Super-Fast Autoclave for Operating Rooms
手术室用超快速高压灭菌器
- Large autoclave for Hospital CSR
医院CSR用大型高压釜



Hospital waste disposal device (100-1000 liters) 医院垃圾处理装置 (100-1000升)

Among the hospital waste infections
避免医院废物感染



Nitrogen Generator (100 to 5000 l/min) 氮气发生器 (100 至 5000 l/min)

Produce Nitrogen gas for Food, Oil and petrochemical industry
为食品、石油和石化行业生产氮气



International Cooperation 国际合作



Iraq



Armenia



Azerbaijan



Spain



Kenya



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Vira Vaccine Shaya

Vira Vaccine Shaya Company was established in 2016 and existing under the laws of Islamic Republic of Iran with registration No.4151, have started production of strategic and veterinary vaccines required by Iran and the world. The production site with 250 million doses capacity of various viral vaccines was fully operated in 2016 and the GMP certification and export licenses were given by Iran Veterinary Organization in 2018.

The main goal is joining to OIE in order to control and eradicate many animal diseases in Iran and the Middle East countries.

Vira Vaccine Shaya 公司成立于2016年,根据伊朗伊斯兰共和国法律存续,注册号为4151,已开始生产伊朗和世界所需的战略和兽用疫苗。2.5亿剂各种病毒疫苗生产基地于2016年全面投产,2018年获得伊朗兽医组织GMP认证和出口许可证。

主要目标是加入 OIE 以控制和根除伊朗和中东国家的许多动物疾病。

Products 产品

➤ Foot and Mouth Disease Vaccine (Vira-AftoVaxol®)
口蹄疫疫苗 (Vira-AftoVaxol®)

➤ Peste des Petits Ruminants Vaccine (Vira-Peste®)
小反刍动物疫苗 (Vira-Peste®)

➤ Lumpy Skin Disease Vaccine (Vira-Lumpyvax®)
块状皮肤病疫苗 (Vira-Lumpyvax®)

➤ Contagious Ecthyma Vaccine (Vira-Ectyvax®)
传染性湿疹疫苗 (Vira-Ectyvax®)

➤ PPR vaccine is a live attenuated vaccine, Nigeria75/1strain and it is lyophilized powder, PPRV prevents PPR disease in sheep and goats and it is efficient, safe, and has no side effects.

PPR疫苗是减毒活疫苗,尼日利亚75/1株,冻干粉,PPRV预防绵羊和山羊的PPR病,高效、安全、无副作用。

➤ The second most important product which has a high importance in the world is FMD vaccine. This vaccine is an inactivated vaccine of A13, A15, O2016 and Asia 1 strains. It prevents the foot and mouth disease in sheep and cattle and has no side effects.

世界上第二重要的产品是口蹄疫疫苗。该疫苗是A13、A15、O2016和亚洲1毒株的灭活疫苗。可预防羊、牛的口蹄疫,无副作用。



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➤ International
Cooperation
国际合作



Tajikistan



Pakistan



Malaysia

IT&IoT & AI



List of Companies 公司名单

- » PART Artificial Intelligence Research Center
- » PADVISH
- » Bridge to Tomorrow (Rayboard)



PART Artificial Intelligence Research Center

Part Software Company's applications offer a variety of services in Following areas :

Part Software Company的应用程序在下列领域提供各种服务：

- Finance and fintech 金融与金融科技
- image processing 图像处理
- Entertainment 娱乐
- artificial intelligence (AI) 人工智能
- machine learning (ML) 机器学习



CIHIT
中国伊朗创新技术中心

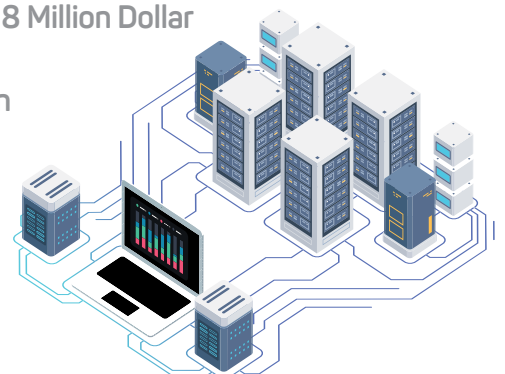
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中国伊朗创新技
术中心



Part Co. National Success: 国内成就

- Number of users: 7 million users
用户数量：700万用户
- Number of organizations we cooperate with: more than 100 organizations
与我们合作的组织数量：100多个组织
- Company income in the year 2020: More than 8 Million Dollar
2020 年公司收入：超过800万美元
- Has the largest artificial intelligence team in Iran
拥有伊朗最大的人工智能团队
- The largest capital market company in Iran
伊朗最大的资本市场公司
- Top National Entrepreneur
顶级全国企业





PADVISH

Advantages 优点

Padvish Antiransomware can protect system data from attacks and protect your system with its advanced multi-layer technology without daily updates.

Padvish提供防病毒软件包,帮助用户抵御勒索病毒、恶意软件等,保护商业交易、数据和网络安全。

在感染了ransomware并对系统信息进行加密后,无法检索数据,但Padvish Antiransomware能够保护您的系统数据免受这些攻击,并且凭借其先进的多层技术保护您的系统,无需每日更新。

The product multi-layer mechanism obtained the AVTest certification of %100 Ransomware detection rate from Germany.

这种多层机制已经通过了德国反病毒测试实验室100%的软件检测认证



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Ransomware Test of Padvish AntiCrypto

Date of the Report: October 16th 2017, last update December 15th, 2017

Introduction

Padvish commissioned AV-TEST to perform a dedicated Ransomware test of the product Padvish AntiCrypto.

The tested categories are as follows:

- PROTECTION
 - Detection of Real-World Ransomware
 - Detection of simulated Ransomware attacks
- FALSE POSITIVE TESTING
 - False Detection of typical user-behavior, like
 - Copying files
 - Packing/unpacking files

The tests have been carried out in September 2017 on Windows 10 RS2 (English) 64-Bit. The version of Padvish AntiCrypto was 1.5.108.619.

Methodology

Platforms

All tests were performed on actual physical machines. No Virtual Machines were used. All tests for a defined operating system were carried out on devices with identical hardware configurations as described below. The operating system used was Windows 10 RS2 (English), 64-bit.

Testing Approach

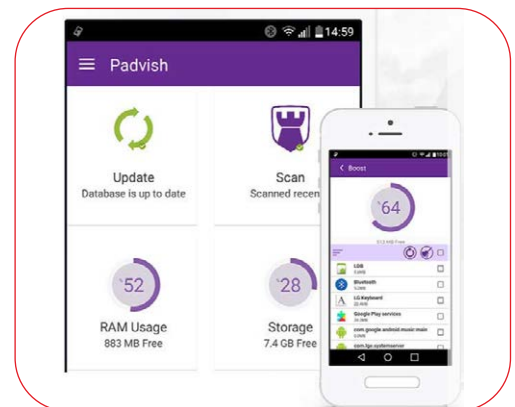
There are a few generic principles that were followed:

- (1) **Physical devices.** The test devices used were physical devices. No Virtual Machines were used.
- (2) **Product cloud/Internet connection.** The Internet was available to all tested products.
- (3) **Product configuration.** All products were run with their default, out-of-the-box configuration.
- (4) **Clean device for the start of the test.** The test devices were restored to a clean state before testing the malware samples.
- (5) **Sample cloud/Internet accessibility.** If the malware used the internet connection to reach other sites in order to download other files and infect the system, care was taken to make sure that the cloud access was available to the malware sample in a safe way such that the testing network was not under the threat of getting infected.

Protection Test

The detection test measured the protection against real-world ransomware and simulated attacks by using typical ransomware behavior.

Anti-ransomware



Padvish® AntiCrypto™
Your Data is Valuable, We Protect Them



Germany

CERTIFICATE



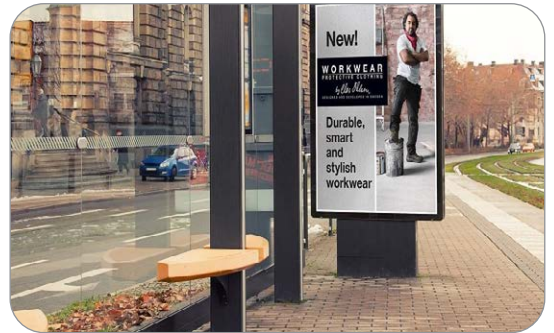


Bridge to Tomorrow (Rayboard)

RayBoard is a special and cloud-based digital form of communication to transferring information for specific audience via screens, this is possible at any location and anytime and the communication is fully tailored to your audience

RayBoard是一种特殊的基于云的数字通信形式,可以通过屏幕为特定受众传递信息,这可以在任何位置,任何时间进行,并且完全根据您的受众量身定制

RayBoard: cloud based digital signage solution 基于云的数字标牌解决方案



Advantages 优点

- Multi platform solution that can run on any operating systems like Linux Windows and Android and etc.
可以在任何操作系统 (例如Linux Windows和Android等) 上运行的多平台解决方案。
- RayBoard is really easy to use, just by going through Rayboard site and sing can use the product.
RayBoard 非常易于使用,只需通过Rayboard网站登录即可使用。
- customization is really important part of Rayboard solution so you can customize the look of your signage and also you can use or add lots of built-in widgets.
自定义是Rayboard解决方案的重要组成部分,因此您可以自定义标牌的外观,还可以使用或添加许多内置小部件。



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INDUSTRIAL MACHINERY 工业机械



List of Companies 公司名单

- » Durali System Design & Automation Company (DSDA)
- » Paya Sanaat Sama



DURALI SYSTEM DESIGN & AUTOMATION CO.

Durali System Design & Automation Company (DSDA)

DSDA is capable of finding solutions for technical problems of the customers based on its acquired Knowledge and Experience.

DSDA 公司”的成立旨在满足客户的工程和创新需求。

DSDA Projects

- Design and supplying erection system for steel linings of Pressure and Surge Shafts of UmaOya HPP Project

UmaOya水电站项目压力和调压井 (Surge shaft) 的钢衬里安装系统的设计与供应



A new method was proposed for steel-lining of penstocks of hydropower plants; The lining time was reduced more than 7 folds with respect to the established method; The grouting process for the shaft reinforcement was done continuously for all the 620 m length of the penstock; no serious or fatal injuries happened; The cost of the project reduced dramatically with respect to the European companies

- Design & Supply of Erection System for Penstocks of Inclined Pressure Shaft of Siah Bishe Pump Storage Power Plant

Siah Bishe抽水蓄能电站斜压井压力杆安装系统的设计与供应



Design and supply of erection system for penstocks of inclined pressure; shaft of siah bishe pump storage power plant; 68 pieces of 9 m pipes in 5 m diameter; In 2 inclined tunnels of 68 degrees for a pumped storage power plant (PSPP); A 14 m long machine; with 14 Degrees of Freedom; used for both tunnels alongside 2 welding platforms for each carried on a rail; The lining of the penstocks was completed in less than 14 months; The design and manufacturing of the machines took place around 12 months; The method introduced reduced the cost and penstock lining drastically; the welding repairs were less than 6%; Special rescue routes had been foreseen; no serious or fatal injury occurred



International
Cooperation
国际合作



Sri Lanka



US Patent 美国专利数

3 Approved

3 in process
(Filing)



Paya Sanaat Sama

Paya Sanaat Sama Company was established by couple groups of mechanical, metallurgical and electronic engineering on December 2007. • The board of directors has had the background of 15 to 22 years of work-related engineering and participated in several private companies in different posts such as supervisor, manufacturing management, R&D engineering and managing executive.

Paya Sanaat Sama公司成立于2007年12月,由机械、冶金和电子工程等多个部门组成。• 董事会成员具有15至22年的相关工程背景,曾在多家私营公司担任过主管、制造业 管理人员、研发工程和管理执行等不同职位

COLD COMPRESSION STRENGTH TEST OF PELLETS

颗粒的冷压强度测试

FEATURES

- ▶ Full automatic
全自动
- ▶ Able to be calibrated in 10 spots
可在10个点校准
- ▶ Receiver of about 1000 data from load cell per second
每秒从称重传感器接收大约1000个数据
- ▶ Representing average, variance and standard deviation numbers
显示平均值、方差和标准偏差数
- ▶ Determining of maximum amount of received data from load cell per second
确定每秒从称重传感器接收的最大数据量
- ▶ Usable for briquette, catalyst and sponge iron
可用于煤球、催化剂和海绵铁
- ▶ High calibration accuracy with the error less than 1 gram
校准精度高,误差小于1g



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LAB INSTRUMENTS 实验室仪器



List of Companies 公司名单

 TAVANA



TAVANA

TAVANA is a well-known distributor of scientific laboratory equipment

TAVANA 公司是知名的科学实验室设备经销商

Tavana Scientific Research Laboratories

TAVANA公司在这些区域提供常规和特殊实验室设备

- | | |
|------------------------------|-------------------------|
| ▶ Nanotechnology Lab | 纳米技术实验室 (55 Equipment) |
| ▶ Materials Science Lab | 材料科学实验室 (119 Equipment) |
| ▶ Pharmaceutical Lab | 制药实验室 (77 Equipment) |
| ▶ Physics Lab | 物理实验室 (255 Equipment) |
| ▶ Electrical Engineering Lab | 电气工程实验室 (247 Equipment) |
| ▶ Biotechnology Lab | 生物技术实验室 (39 Equipment) |
| ▶ Mechanical Engineering Lab | 机械工程实验室 (229 Equipment) |
| ▶ Mining Engineering Lab | 采矿工程实验室 (69 Equipment) |
| ▶ Chemical Engineering Lab | 化学工程实验室 (242 Equipment) |
| ▶ Chemistry Lab | 化学实验室 (7 Equipment) |
| ▶ Civil Engineering Lab | 土木工程实验室 (127 Equipment) |



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International
Cooperation
国际合作



Oman



Kenya



Iraq



Cuba



China



Ecuador



Bolivia

WATER & WASTE WATER

水和废水



List of Companies 公司名单

- » Danesh Pajhohan Sanat Nano (DPSN)
- » Payamavaran Nano Fanavar (PNF)
- » Fan Niroo Company (FNC)

Danesh Pajhohan Sanat Nano

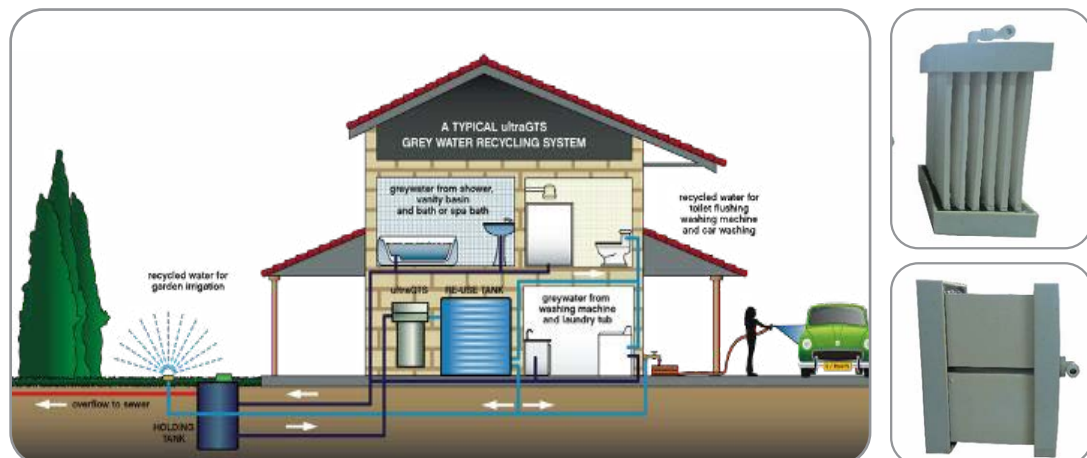
Water treatment system 水处理系统

In DPSN gray water treatment systems, gray water is treated using multichannel platelet nanostructure ceramic a hybrid membrane process. Pore size of the applied ceramic membranes are engineered in nanometric scale to obtain high quality water for recycling in industrial applications, washing in domestic applications and agriculture consumptions. The used ceramic membranes in these systems are guaranteed for long times (5-10 years) with low fouling problems by applying intervallic back washing services.

在DPSN灰水处理系统中,通过混合膜工艺使用多通道平板式纳米结构陶瓷膜对灰水加以处理。所使用的陶瓷膜的孔径尺寸已设计成纳米级别,实现从工业应用、家用洗涤和农业用水中回收优质水。该系统中所使用的陶瓷膜的寿命可保证5至10年,而且可通过应用间歇反洗服务实现低污染。

► Technical advantages 优势

- ◊ High compact treatment systems
- ◊ More than 70 % water recycling
- ◊ Reducing of water consumption
More than 50% in domestic systems
More than 70% in industrial systems
- ◊ Disinfection without the carcass of microorganisms
- ◊ Guarantee of membranes for long times
- ◊ High automation of treatment systems
- ◊ Simple and economic treatment systems
- ◊ Applicable for gray waters in various ranges of pH and TDS/EC
- ◊ 紧凑型处理系统
- ◊ 水回收率高达70%
- ◊ 降低耗水量
家用系统降低50%
工业系统降低70%
- ◊ 杀菌,且无微生物残留
- ◊ 膜的使用寿命长
- ◊ 处理系统高度自动化
- ◊ 处理系统简易、经济
- ◊ 适用于处理不同范围酸碱值、总溶解浓度、电导率的灰水



Payamavarar Nano Fanavar (PNF)

Innovative technologies in the field of water and waste water treatment

水和废水处理领域的创新技术



➤ Nitrate Removal
硝酸盐去除系统



➤ Heavy Metal Removal
重金属去除系统



➤ Desalination
脱盐、淡化



➤ Ozonation
臭氧处理



➤ Nano Bubbling
纳米气泡



➤ Water Vending
Machine
水自动售货机



➤ Oily Waste water
Treatment
含油废水处理



➤ Textile Waste
water Treatment
纺织废水处理



Payamavarar Nano Fanavar (PNF)

Arsenic Removal Unit 除砷装置

Arsenic is one of the most hazardous elements and its presence in drinking water can cause disaster. PNF Co. has offered Arsenic removal from drinking and non-drinking industrial water units using special high efficiency adsorbents which is suitable for different capacities. For high arsenic content (> 80 ppb), combination of adsorbents & EC-EO reactor is a commercial and effective solution which is introduced by this company recently. Due to Electrochemical coagulation at EC-EO reactor, arsenic content decreases significantly before introducing to adsorption filters. It causes less adsorbents consumption and meaningful reduction in capital & operational cost.

砷是最危险的元素之一，它在饮用水中的存在会导致灾难性后果。PNF 公司使用适用于不同容量的特殊高效吸附剂从饮用水和非饮用水工业用水装置中去除砷。对于高砷含量 (> 80 ppb)，吸附剂与 EC-EO 反应器的组合是该公司最近推出的一种有效的商业解决方案。由于 EC-EO 反应器中的电化学凝结，砷含量在引入吸附过滤器之前显著降低。它导致吸附剂消耗更少，资本和运营成本显著降低。



FEATURES 特点

- ▶ Chemical free
无化学品
- ▶ Improved EC-EO process with Nano metal oxide coated electrode
采用纳米金属氧化物涂层电极改进 EC-EO 工艺
- ▶ Arsenic removal to less than 5 ppb
砷去除量低于 5 ppb
- ▶ Easy disposal of spent media
易于处理用过的介质
- ▶ Minimum water loss
最小的水损失
- ▶ No need PH adjustment
无需调节 PH 值



Payamavaran Nano Fanavar (PNF)

Solar desalination Unit 太阳能海水淡化装置

The first solution to making desalination more environmentally friendly is to use renewable energy. PNF Co. has developed EDR systems using flat plate solar collectors. Combination of reverse electro dialysis system as a desalination technique and solar panels as a power source, presents a green technology which is especially helpful in remote and rural areas with low infrastructure and without connection to a grid. additionally, other units such as solar turbidity reduction, solar heavy metal removal, etc. could be added to the solar desalination system and used as a water treatment package in Critical conditions.

使海水淡化更环保的第一个解决方案是使用可再生能源。PNF 公司开发了使用平板太阳能集热器的 EDR 系统。反电渗析系统作为海水淡化技术与太阳能电池板作为电源相结合，作为一种绿色技术，特别适用于基础设施薄弱且没有连接到电网的偏远和农村地区。此外，太阳能海水淡化系统还可以添加其他单元，如太阳能降低浊度、太阳能重金属去除等，并在临界条件下用作水处理包。



FEATURES 特点

- ▶ Water Retrieval: Up to %97
水回收率：高达 %97
- ▶ Portable
便携
- ▶ Technical simplicity
技术简单
- ▶ Low maintenance requirements
低维护要求
- ▶ Ease of operation
易于操作



Fan Niroo Company (FNC)

Fan Niroo Company (FNC) is specialized in giving solutions for all kinds of water and waste water and has played a key role in the water and waste water treatment industry.

We are focused on innovative ideas to improve and optimize the performance of water and waste water treatment units and have many innovative products as a result of many successful R&D projects.

Fan Niroo Company (FNC) 专门为各种水和废水提供解决方案, 并在水和废水处理行业中发挥了关键作用。

我们专注于创新理念来改善和优化水和废水处理装置的性能, 并通过很多成功的研发项目获得了很多创新产品。



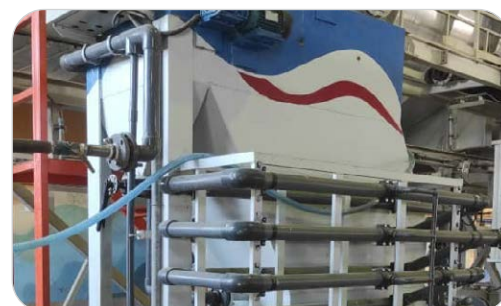
➤ Multi-Effect Distillation (MED)
多效蒸馏 (MED)



➤ Membrane bio-reactor (MBR)
膜生物反应器 (MBR)



➤ Zero Liquid Discharged (ZLD)
零液体排放 (ZLD)



➤ Dissolved air flotation (DAF)
溶气浮选 (DAF)



➤ Reverse Osmosis (RO)
反渗透 (RO)



➤ Advanced oxidation processes (AOP)
高级氧化工艺 (AOP)



China Iran House
of Innovation
and Technology
中国伊朗创新技
术中心



PAINT 画



List of Companies 公司名单

- » RANGIN NANO SAKHTAR (RANS)
- » KARANGIN



RANGIN NANO SAKHTAR

RANS Co. is a knowledge-based company that offers innovative products in the building paints, electrostatic powder coat, cardboard coatings and rusted metal coat using chemistry science, Nano technology, polymer and materials engineering. The company has registered 15 national patents and 6 international patents in this field.

RANS Co. 是一家知识型公司, 利用化学科学、纳米技术、聚合物和材料工程在建筑涂料、静电粉末涂料、纸板涂料和生锈金属涂层方面提供创新产品。公司在该领域已注册国家专利15项, 国际专利6项。

Top product 热门产品

**Nano-tech Antibacterial
Electrostatic powder coat**
纳米科技抗菌静电粉末涂层

PATENT



Other Products 其他产品

- corrosion resistance nano tech electrostatic powder coat
耐腐蚀纳米技术静电粉末涂层
- Cardboard water base antibacterial nano-tech coat
纸板水性抗菌纳米科技涂层
- Nano-tech Water base rust converter primer
纳米科技水性除锈剂底漆
- building Cement base paint
建筑水泥底漆
- Antibacterial Nano-Tech water base wall paint
抗菌纳米科技水性墙面漆



Canada Patent 3

Switzerland patent 3



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and Technology
中国伊朗创新技
术中心



KARANGIN

These coatings are produced with water-Base resin bases and after drying create soft layer Which resistant against water, sunlight and Weathering. One of the other properties of these coatings is rodent-repellent potential that keeps safe the surfaces against attacking by such animals.

This product protect flammable surfaces by heavy gases and incombustible vapor when exposed to the flame and prevents from flaming penetration on vertical and horizontal surfaces. Similarly, these protective coatings are resistant to chemical agents e.g. detergents and oil solvents and oils etc. and are known under trade name Karafas A.

这些涂层是用水基树脂碱生产的,干燥后形成柔软的层,耐水、耐阳光和耐候。这些涂层的其他特性之一是具有驱鼠潜力,可以使表面保持安全,不受这些动物的攻击。

本产品暴露在火焰中时,用重气体和不可燃蒸气保护易燃表面,并防止在垂直和水平表面上燃烧渗透。同样,这些保护涂层也能抵抗化学药剂。洗涤剂、油溶剂和油等。以商品名Karafas A而闻名。

Products 产品

- Fire Stop Coating 防火涂料
- Intumescent Coating 膨胀涂层
- Fire proof panels 防火板
- Fire proof sealing tapes 防火密封
- Fire proof blocks 防火路障
- Fire proof spray 防火喷雾
- Fire proof cloth and textiles 防火布和纺织品

Fire Stop Coating 防火涂料



Silk Road In The Past **High Tech Road** In The Future

回顾过去, 丝绸之路贯通中西
放眼未来, 高科技之路大放异彩



AMIR GHORBANALI

Director of China Iran House of Innovation and Technology

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