



AEES 2015

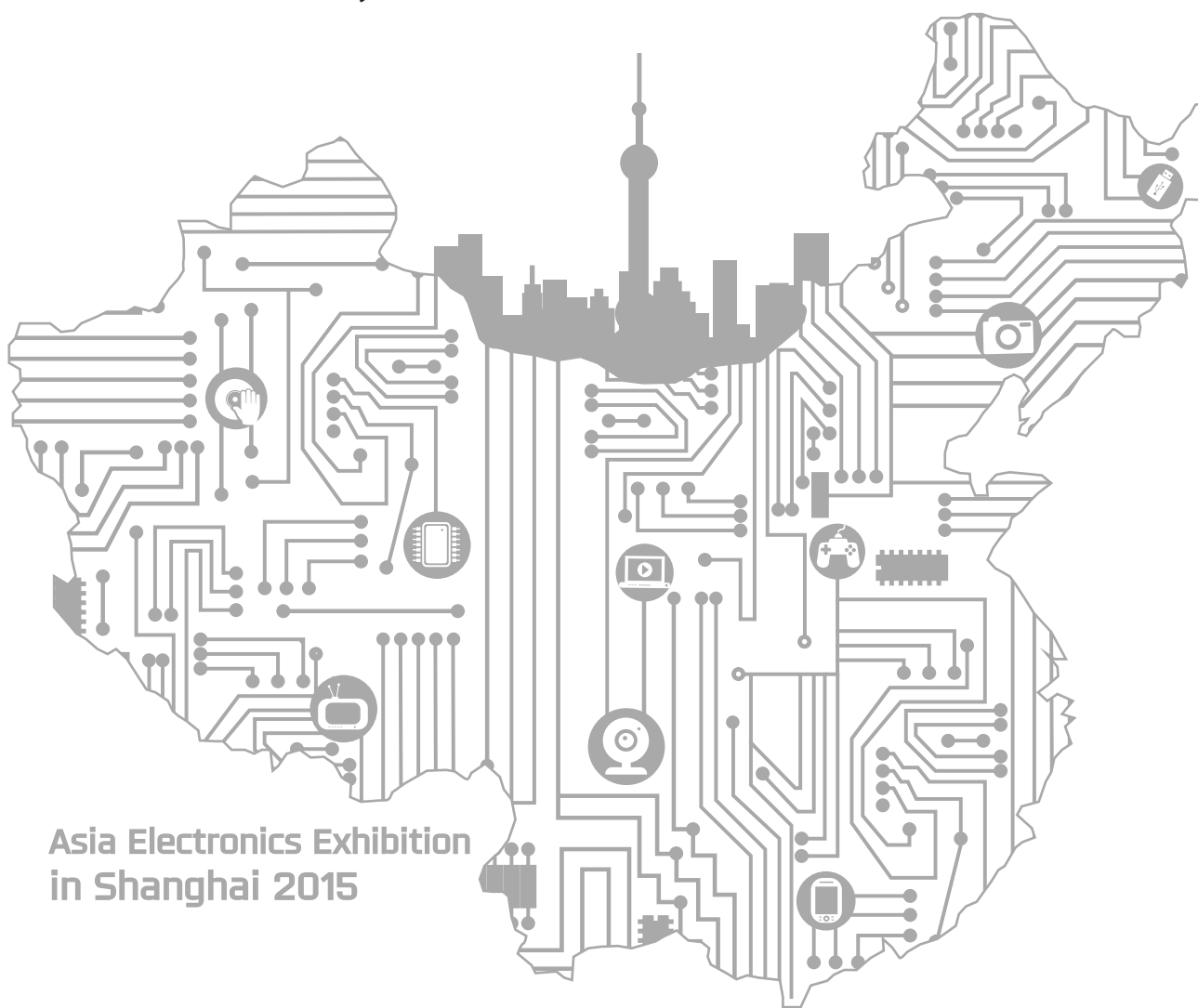
Asia Electronics Exhibition in Shanghai 2015

上海亚洲电子展

Asia Electronics Exhibition in Shanghai 2015

Korea Pavilion 韩国馆

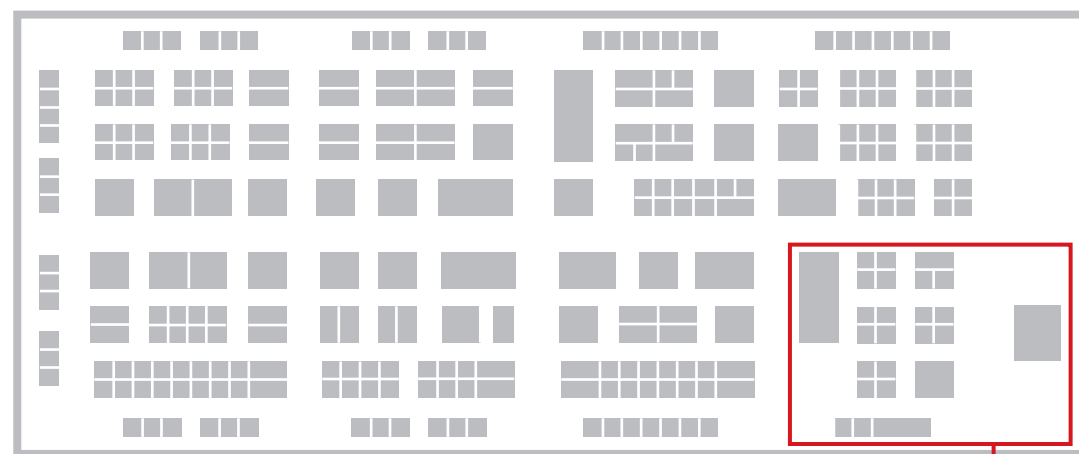
November 11-13, 2015



Asia Electronics Exhibition
in Shanghai 2015



BOOTH LAYOUT



KOREA PAVILION



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Booth No. **1A054**

Company name : BIONICSMEDICAL CO., LTD.
Address : #1802, Hyundai Tower, 423 Teheranno Gangnam-gu, Seoul, Korea
Tel : +82-2. 3288. 8899 **Fax :** +82-2. 568. 8822
Homepage : www.bionicsmedical.co.kr, www.bionicsworld.com
E-mail : bionics@bionics.co.kr



Company Introduction

BIONICS MEDICAL Inc. is a R/D oriented company which possesses newest technologies of life science and runs one-stop-system from the ideas of environmental well-being households and skin care equipments to their design, development, manufacture, focusing on OEM and the Life Science Technical Research Institute.

Facing a time of borderless infinite challenges in the strong wave of globalization and information, we have tried hard continuously to develop new products in the spirit of creativity and challenge under the corporate philosophy of Impressing Customers, Quality Management, Technical Creativity, Design Innovation, and as results, we obtained domestic and international certificates such as ISO9001, ISO14001, CE, FCC, registration to FDA, medical equipments quality management standards. We are endeavoring for the safety of customers and enhancement of the international competitiveness.

PRODUCTS | Portable H2 water generator

+ Portable H2 water generator



- The hydrogen can enhance the immune system as antioxidant to eliminate oxygen free radicals in the body.
- It can be used 2 in 1 product as a Portable pouch
- Portable H2 water generator can use when climbing, sporting, traveling, working or house
- Refill sticks available (Made by Germanium, far infrared ray, alkaline ceramic ball)
- H2 water generator
- Use new material graphene electrodes
- Hydrogen Amount (1000 ppb)
- 3minutes generation time
- Using more than 30 times per charge
- Practical size (75 X 200mm , 450ml)
- Rated voltage (DC 5V / 1.2A)

Booth No. **1A005**

Company name : CHARMTRON CO., LTD.
Address : 47-9, Wongomae-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 17086, Korea
Tel : +82-31-274-5349 **Fax :** +82-31-274-5348
Homepage : http://charmtron.com **E-mail :** hschoi0714@naver.com

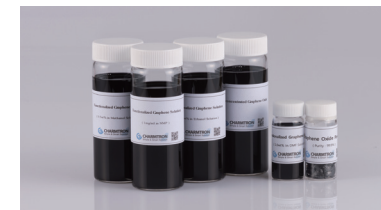


Company Introduction

Charmtron 公司介绍
一家专门从事石墨烯材料
以世界最顶级Graphene材料技术和
Graphene装备制造技术及工程技术为基础
引领世界Graphene产业

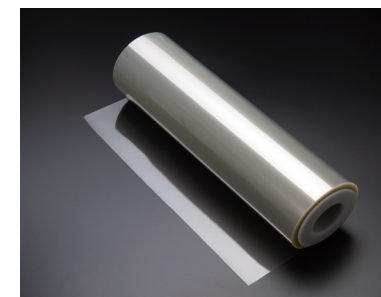
PRODUCTS | Graphene Ink / Graphene Film / Graphene制造装备

+ Graphene Ink



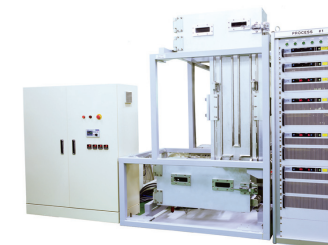
- 掌握世界最顶级的功能化Graphene Ink技术!!
- 掌握世界最顶级的Graphene分散稳定性技术!!

+ Graphene Film



- 概要 : 具有世界最顶级产能的Roll to roll CVD Graphene Film制造技术
- 特点 : 划时代地缩短制造时间、通过高质量、可均匀生产的Roll to roll连续制造工程实现大量生产

+ Graphene制造装备



- 概要 : 世界最顶级化学气相沉积方式Roll to roll CVD Graphene Film制造装备的制作及工程技术
- 特点 : 划时代地缩短制造时间、通过高质量、可均匀生产的Roll to roll连续制造工程的 Graphene Film及材料的大量生产装备
- 掌握世界最佳水平的Graphene Film生产能力!!
- 掌握世界最佳水平的Graphene Film品质水平!!

Booth No. **1A025**

Company name : **DONGBU ELECTRONIC MATERIALS**

Address : #256, Byulmang-ro, Danwon-gu, Ansan-si, Gyeonggi-do, 15607, Korea

Tel : +82-31-489-2223

Fax : +82- 31-494-9569

Homepage : www.dongbuem.com

E-mail : sales@dongbuem.com



Company Introduction

Since 1996, Dongbu has operated a powder production factory and a core product factory in Ansan, Korea. We produce the magnetic core products of Moly Permalloy Powder(MPP), High Flux(HF), Ultra Flux(UF), Sendust and Power Flux(PF). There are made of metal alloy powders consisting of Ni, Fe, Al, Mo and Si etc. We have special type cores such as EE, UU, Block, EQ and ER cores, as well as toroidal cores. Also these cores have the soft magnetic properties such as the various permeability, low noise, soft flux saturation. These cores are used for PFC, Noise Filter, and the renewable energy market such as OBC and HDC for electric vehicle(EV) and the inverters for the photovoltaic(PV). As you know, these cores show the best performance at high frequency and high applied current.

It is our constant mission to try to meet customers' needs in terms of quality, cost and delivery.

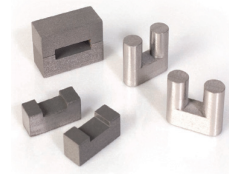
PRODUCTS | SMD Metal Core / Magnetic Powder Core

+ SMD Metal Core



- Excellent DC bias characteristic
- High heat resistance
- Low profile enhancements
- High Insulation resistance(> 1GΩ)
- High performance
- Customized
- Free inductance
- Available in high current
- High efficiency
- Ultra slim(> 0.8mm)

+ Magnetic Powder Core



- Low Permeability relatively (good core loss at high frequency)
- Soft Saturation(stable saturation)
- Insulation layer(gap) between Powders (Various Material and Shape available(3D))
- High Frequency available (ER, EQ, EE, Block, Cylinder etc.)
- Advantage of High Current

Materials	Composition	Flux Density Bs(G)	DC Bias	Core Loss	Freq.	Curie Temp.	Thermal Stability
MPP	Fe-Mo-Ni (Powder Core)	7,000	Better	Lowest	1MHz	450°C	Best
High Flux	Fe-Ni (Powder Core)	15,000	Best	Low	1MHz	500°C	Better
Sendust	Fe-Si-Al (Powder Core)	10,000	Good	Low	2MHz	500°C	Good
Power Flux	Fe-Si (Powder Core)	16,000	Best	Medium	1MHz	700°C	Good
Ultra Flux	Fe-Ni-Si-Al (Powder Core)	14,000	Best	Low	1MHz	500°C	Better

Booth No. **1A032**



Company name : **DREAM C&G CO., LTD.**

Address : Home Robot Support Center, Gwangju Techno Park333, Cheomdangwagi-ro, Buk-gu, Gwangju, 61008, Korea

Tel : +82-62-416-0513

Fax : +82-62-416-0514

Homepage : www.dreamcng.com

E-mail : scg2000@hanmail.net

Company Introduction

Our goal is to develop and supply in this rapidly-changing elderly to help human but to replace. Currently, we have released and supplied 3 types of load cleaner Madangsoe used in inside road, neighborhoods park, apartment, school and golf course, and we intend to release new product for the field needed to be mechanized system consistently.

In addition, through constant innovative technology and customer satisfaction will do the best to be a company of reliability

PRODUCTS | Road Cleaning Robot

+ Road Cleaning Robot

The product can be used in both auto mode (following function, remote control etc) and manual mode (standup ride etc). It is used for cleaning dirt, sand, waste, and leaves etc in various places such as city center, school, park and factory etc. Especially, this eco-friendly product, which uses DC motor and iron phosphate, provides pleasant environment for both the worker and pedestrian.

- Following Function: work can be done faster since one does not have to move the machine as the machine automatically recognizes and follows the worker once the worker starts cleaning
- 2TYPE Cleaning: one can use brush and suction inlet under the machine to clean wide areas while hose can be used for small areas.
- Waste Cleaning: Once waste and air are suctioned, wastes can be immediately collected in any type of bags (vinyl, cloth, nylon etc) of user's choice while the suctioned air is released outside through a filter.
- Standup ride: steering wheel and a foothold that are installed for the standup rider, it's convenient to work and move.



Booth No. **1A045**

Company name : DREAMSYS CO., LTD.
Address : #302, Chosun University Business Incubator 50 Chumdan Gwagiro
208beon-gil, Buk-gu, Gwangju, 61012, Korea
Tel : +82-62-972-7750 **Fax :** +82-62-972-7751
Homepage : www.dreamsys.co.kr **E-mail :** dreamsys07@hanmail.net



Company Introduction

DREAMSYS is a company that produces and exports a skin massage machine.
The company produces a skin massage machine by applying ultrasound wave, galvanic ion and vibration.
DREAMSYS obtained CE, FCC certificate of Beauty World & JUNITH.
Also DREAMSYS Acquired international certificate ISO 14001, ISO9001.
Currently, we are partnered with countries such as Singapore, Malaysia, China and Poland, and continue to export our products and provide consultation.

PRODUCTS | Beauty World / JUNITH

+ Beauty World



- Galvanic Ion massage machine
- LED color therapy
- Essential 4step skin treatment system
- Cleansing, Massage, Nutrient, Lifting
- It helps absorb beneficial ingredients of skin care product
- Delivery beneficial ingredients
- Repairing the damaged skin

+ JUNITH



- Galvanic Ion massage machine
- LED color therapy
- Essential 4step skin treatment system
- Cleansing, Massage, Nutrient, Lifting
- It helps absorb beneficial ingredients of skin care product
- Delivery beneficial ingredients
- Repairing the damaged skin

Booth No. **1A052**

Company name : EVERTREE CO., LTD.
Address : #620, 33, Omokcheon-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, 441-813, Korea
Tel : +82-31-302-8500 **Fax :** +82-31-629-5529
Homepage : www.evertree.kr **E-mail :** evertreesales@evertree.kr



Company Introduction

韩国衡生株式会社是一家产品研发及销售为一体的专业生产厂家。主要生产项目为电子数码展柜及自助式图书杀菌柜。主要出口国为中国、日本、土耳其、印度尼西亚、意大利、英国、美国等地。产品适用市场为1、名表、名烟、电子烟、名酒、品牌钱包、皮包、首饰、化妆品的展示及广告应用。2、图书馆、学校、幼儿园、医院等地的图书及个人用品杀菌。

PRODUCTS | 电子数码展柜 / 自助式杀菌柜

+ 电子数码展柜

- 适用市场 :** 名表、名烟、电子烟、名酒、品牌钱包、皮包、首饰、化妆品的展示及广告应用。
应用方法 : 商场内某品牌商品的主推产品放到本机器内、把主推产品的影像或PPT资料用USB存到机器内。插上电源、按开关按钮、自动循环不间断播放。
必 要 性 : 可同时欣赏真正产品及其广告的针对性广告平台、有声有色有真的3有可吸引90%以上顾客的眼睛、最终达到产品销售量倍增效果。
- 产品规格 :**
- Products Size : 345(H)*200(W)*170(D)mm
 - Screen Size : 9.7inch Transparent LCD
 - Resolution : 1024*768
 - Product Weight : 4.5kg
 - Case Material : Aluminum case & Tempered Glass
 - Cooling System : None
 - External Port : DC Jack, USB 2.0, Power-Switch
 - Power Supply : AC/DC Adapter
 - Input : 100-240V~, 50-60Hz, 12Vdc/3.5A
 - Output : 30W
 - Display Board : Built-in
 - LED : High bright white LED 52EA
 - Speaker : 2W * 2EA (Option)



+ 自助式杀菌柜



- 适用市场 :** 图书馆、学校、幼儿园、医院等地的图书及个人用品杀菌。
应用方法 : 打开杀菌柜门、用手把图书分成两部分、插在杀菌柜内的书架上、关上杀菌柜门、轻按开始键、自动运行30秒后灯管自动熄灭、打开杀菌室门、取出图书即可
必要性 : 公共图书馆的图书由于不同人群长期使用、导致图书内各类细菌繁殖并滋生在图书中、不知不觉中会传染上各种疾病。其中、学生为阅读人群之首、但由于免疫力较低、是疾病传播较为容易的群体。为呵护我们未来祖国花朵的健康、30秒钟99%杀菌、必须成为阅读习惯之首
- 产品规格 :**
- | | |
|-------------------------------|--------------------------------|
| - SIZE : 700 * 590 * 1400mm | - TIME : 30 SECOND or 1 MINUTE |
| - WEIGHT : About 90kg | - CONSUMPTION POWER : 190W |
| - COLOR : RAINBOW | - POWER : 230V ~ / 50-60Hz |
| - METHOD : UV-C LAMP (8Lamps) | - LCD : TFT LCD |
| - VOLUME : 4 BOOKS | - CERTIFICATION : CE & FCC |
| - ITEM : BOOK | |

Booth No. **1A035**

Company name : FOUNDATION OF SOONGSIL UNIVERSITY-INDUSTRY COOPERATION
Address : 369, Sangdo-ro, Dongjak-gu, Seoul, Korea
Tel : +82-2-820-0109 Fax : +82-2-820-0108
Homepage : <http://research.ssu.ac.kr> E-mail : lg@ssu.ac.kr

Booth No. **1A042**

Company name : HAEGEON CORP
Address : Business Incubator Manufacturing Bldg, 123, Cheommdangwagi-ro, Buk-gu, Gwangju, 500-712, Korea
Tel : +82-62-522-6701 Fax : +82-62-522-5706
Homepage : www.haegeon.com E-mail : layon@haegeon.com



Company Introduction

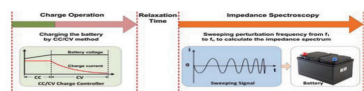
Soongsil university Technology Licensing Office(TLO) is an independent department which belongs to the university-industry cooperation team. The office(TLO) has Intellectual property Management Committee under the name of its administrative authority. The committee establishes and deliberates on policies related to intelligent patent and technology. It performs a mentoring role as well. Technology Licensing Office(TLO) : Establishing Major Policies, Managing Intelligent Patent, Handling Technology Marketing and Technology Transfers.

PRODUCTS | Intelligent Charger with Battery Diagnosis Function / Multiple Output Charger Based on Time Division Multiple Control Technique

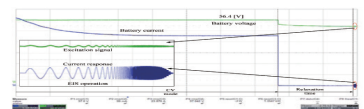
+ Intelligent Charger with Battery Diagnosis Function



[Photo of the Intelligent Charger]



[Operation of the Intelligent Charger]

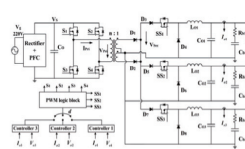


[Operation of the Intelligent Charger]

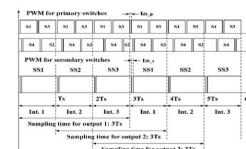
A novel intelligent charger with a battery diagnosis function has been developed. The diagnosis function is implemented by way of impedance spectroscopy which can be achieved by controlling the charger to create a frequency-swept excitation voltage at the battery terminals with no additional hardware. With the proposed method, the impedance variation of the battery according to the degradation over its lifetime is measured and used to diagnose the battery. Both the voltage perturbation and the current response of the battery are measured and the digital lock-in amplifier embedded in the digital signal processor (DSP) is used to calculate the impedance spectrum of the battery. The parameters for the equivalent circuit model of a lead-acid battery are extracted by the complex non-linear least square method and compared with the reference values to diagnose the battery

+ Multiple Output Charger Based on Time Division Multiple Control Technique

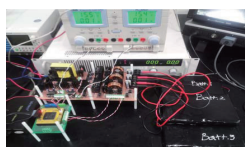
Multiple output converters (MOCs) are widely applied to the applications requiring various levels of the output voltages due to their advantages in terms of cost, volume, and efficiency. However, most of the conventional MOCs cannot regulate multiple outputs tightly and it can hardly avoid the cross regulation problem. In this converter, recently developed Time Division Multiple Control (TDMC) method which can regulate all the outputs with high accuracy is used for the multiple output battery charger based on the phase shift full bridge topology to charge three batteries simultaneously. The proposed charger is able to charge three different kinds of batteries or same kind of batteries in different state of charges (SOCs) independently and accurately with constant current/constant voltage (CC/CV) charge method. Hence the strict ripple specification of the battery can be satisfied for the multiple battery charge with no difficulty. In addition, it exhibits a high efficiency since the soft switching at all the switches during the whole charge process can be guaranteed.



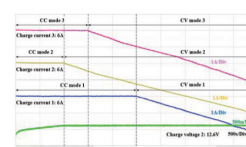
[Multiple output charger based on Time Division Multiple Control]



[PWM scheme for the Multiple Output Charger]



[Photo of the proposed multiple output charger]



[Charge profiles of the three batteries being charged by the proposed Multiple Output Charge]



Company Introduction

HAEGEON is a IT specialized company where realize the business value such as business consulting, system materialization and business management, with constant technology development, aiming customer's satisfaction. We have improved and strengthened our capabilities with new concept of value and differentiation, based on this, we are aiming to be a global leader in IT healthcare solution. Until now, we have developed and commercialized a variety of medical IT solutions such as Medical information solution for mobile device(SMART HOSPITAL), Hospital room-payment mobile system (SMART HOSPAY), Mobile solution for electronic agreement(SMART MEDISIGN) Haegeon is commonly developing many new technologies through continuous studies and investment for future. Due to this reason, we have obtained a number of certification and award (Trade, Industry&Energy Minister awarding, GMP&Inobiz company certificate , IP Star company Nominating etc...)

PRODUCTS | blood transfusion solution / Smart Hospital / high risk medicine

+ blood transfusion solution

This blood transfusion solution which aims to prevent medical accidents by human error validates whether the information of blood bag matches patient information through comparison, providing information with swiftness and accuracy, and ensures safety, stability and reliability of transfusion administration management.



+ Smart Hospital



Medical Information Solution for mobile device

Medical information solution for mobile solution that provides the conveniences in medical examination and treatment by making medical information such OCS, EMR, PACS etc.

Usable immediately in antwhere, anytime and reinforces the competitiveness in customer service through advancement of healthcare

+ high risk medicine



A new concept of centralized high risk medicine and medical container for hospital which is possible to manage Medication administration, medical supplies and record.

By this function, This solution ensure administrative stability, reliability and effectiveness on hospital management for centralized high risk medicine

Booth No. 1A014

Company name : HUMAN CO., LTD.

Address : 88-1, Jungang-ro, Chungju-si, Chungcheongbuk-do, Korea

Tel : +82-43-851-7762

Fax : +82-43-846-5011

Homepage : www.mcsquare.com.cn

E-mail : human73120@gmail.com



Company Introduction

1991 from the United States introduced nerve and technological achievements Mcsquare technology and the development of the xuelexian product series, and on sale in South Korea more than 20 years, to become the first brand of the learning machine market in Korea. Sleep, vitality, rest, function, even if the pressure is too modern society, but also can be a good habits to improve the health and improvement of people's nerves.

PRODUCTS | Mc square

+ Mc square



"Neuro-technology system that helps improve concentration and reduce stress, fatigue and panic within a short time through the rhythm of Light and Sound"

- Compact & Slim
- Integrated Internal Speaker Application
- Apply high-end canal earphones
- Enhanced Voice Recording

Booth No. 1A024

Company name : IDEAS CO., LTD.

Address : [Oryong-dong] 602, 27, Cheomdangwagi-ro 176beon-gil, Buk-gu, Gwangju, Korea

Tel : +82-62-611-5750

Fax : +82-62-443-0783

Homepage : www.i-deas.co.kr

E-mail : designory@naver.com



Company Introduction

Cumulated experiences for long time in designing and developing at the specialty field of industrial design!

With the creative mind, sensuous ideas and emotional designs, IDEAS Co., Ltd. is going to assist the small and medium sized enterprises who mostly have the weak point in designing the products and ultimately make them all happy and pleasant with the ideal designs of their products.

PRODUCTS | iFOOT (Shoes Drying Machine)

+ iFOOT (Shoes Drying Machine)



Short time heat loss is small structural design, and products with efficiency and reliability at maximum effect! In ergonomic design that is the motif of the joint, the shape of the various shoes, it is also available on the magnitude, Sterilization, drying, it is possible to feel the exhilaration that wear new shoes every day in the deodorizing function.

- Capable ergonomics structure use of a variety of shoes at an angle adjustment
- Operation and efficient structural design of one-touch system
- In anion hot air and UV LED, moisture and odor removal in the shoes
- Sterilizing, drying, after the deodorization is activated 30 minutes, automatic off
- Retention of shoes prototype and prevention of life shortening :
- Safe structural design with the thermo-sensor

Booth No. 1A051

Company name : INSUNG SWITCH

Address : 167, Majung-ro, Seo-gu, Incheon, Korea

Tel : +82-32-564-3481

Fax : +82-32-564-3480

Homepage : www.itswitch.co.kr

E-mail : itswitch@itswitch.co.kr



Company Introduction

INSUNG SWITCH is a small/medium size exporter that concentrates on the production and export of various switches since our founding in 1987. Under the slogan Best Price, Best Quality, Best Delivery, INSUNG is a manufacturer with great competitive power approved by various Korean and foreign companies. Unlike various other companies that remain at their initial processing stage, INSUNG is a manufacturer that holds a full line-up consisting of initial mold design, pressing, molding, plating, and automatic and manual assembly processes. INSUNG doesn't hesitate to make R&D investments to develop high-value products and maximize import-substituting effects.

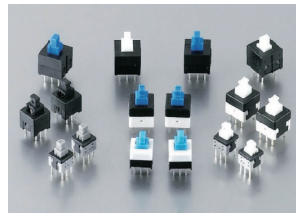
仁星电子是一家专业生产各类开关的企业、公司不仅在国内市场上得到了认可、在国际市场上也深受用户的好评。公司自1987年成立以来、在日益激烈的市场竞争中、以精进和诚信的理念不断提高自己的竞争力。具体从模具的设计制造到成品的生产及售后、形成了一个完整健全的体系。公司不断提高产品质量、争做世界级的优秀企业。公司有着丰富的经验和先进的技术并取得了ISO 9001, ISO 14001认证。我们向客户保证将更致力于研发生产更好的产品、为客户提供最好的产品。公司将继续竭尽全力创造一流企业。

PRODUCTS | water-proof switch / push switch / tact switch / slide switch

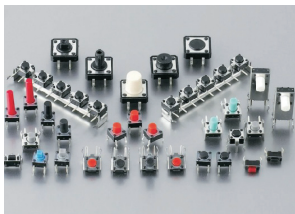
+ water-proof switch / push switch / tact switch / slide switch



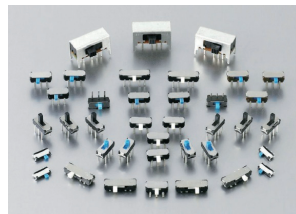
[water-proof switch]



[push switch]



[tact switch]



[slide switch]

- Part of output terminals can be used as jumper leads, thus making circuit arrangement easy
- Much thinner and lighter than conventional products
- Contact sealed construction offers a highly reliable switch
- Reflow solderable
- Its compact size contributes to make application units to be smaller and lighter
- Large stern top surface.
- Excellence in operability and mountability
- 良好的防水、防湿性能适用于座便器、洗衣机等电子电器。
- 防震性能适用于施工工地使用的电子电器。
- 可手动、自动方式焊锡。
- 微型性能适用于小型机。
- 拥有良好的弹力。
- 使PCB生产更便利化。
- 健全的自动化生产工艺提高了质量。

Booth No. 1A065

Company name : KORCHIP CORPORATION

Address : korchip B/D, Manan-ro, Anyang-si, Gyeonggi-do, 430-812, Korea

Tel : +82-31-361-8000

Fax : +82- 31-361-8080

Homepage : www.korchip.com

E-mail : starcap@korchip.com



Company Introduction

高奇普成立于1990年、有三星电机总代理发展起来的。

我司一直对超级电容进行研究开发、2002年开始正式投产超级电容STARCAP(电化学点层电容器)。

高奇普超容是一家全球领先的超级电容单体、超级电容模组制造商及超级电容系统解决方案及服务供应商。

作为一家专业从事超级电容器及储能模块研发、生产、销售及的高科技企鵝也、致力于绿色能源和环境保护事业、以“制造可靠性最高的超级电容”为目标、一“引领超容行业、做绿色能源模范”为使命、秉承“用质量说、用诚信交心”的合作理念、在为客户创造价值的同事、事先多方面共赢。

高奇普超容不断在技术创新、产量质量、垂直整合以及倡导环境保护等方面引领行业。

沧海横流、方显英雄本色。我们坚信、天道酬勤、让我们积极焕发跃马争春的工作激情、携手创造高奇普电子股份有限公司更加美好的明天！

PRODUCTS | 超级电容器(supercapacitors,ultracapacitor), 幽冥电化学电容器(Electrochemical Capacitors)

+ 超级电容器(supercapacitors,ultracapacitor), 幽冥电化学电容器(Electrochemical Capacitors)

它不同于传统的化学电环、是一种介于传统电容器与电池之间、具有特殊性能的电源、主要依靠双电层和氧化还原假电容电荷储存电能。

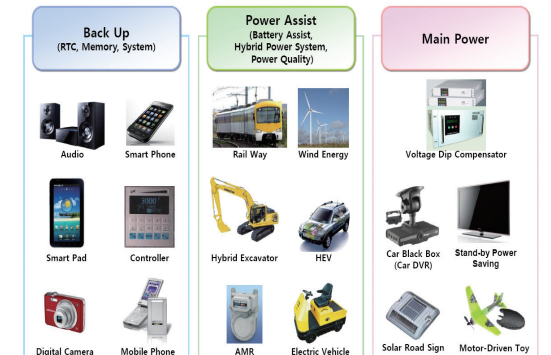
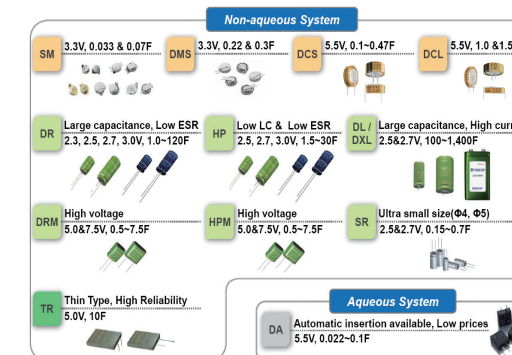
但在其储能的过程并不发生化学反应、这种储能过程是可逆的、也正因为此超级电容器可以反复充放电数十万次。

同电解电容器相比、这种超级电容器能量密度和功率密度都非长高。

同传统的电容器和二次电池相比、超级电容器储存电荷能力比普通电容器高、并具有充放电速度快、效率高、对环境无污染、循环寿命长、施工温度范围宽、安全性高等特点

超级电容

- 高容量高功率：比一般的电容器高容量、比二次电池输出功率高。
- 稳定性：+/-对称结构不会产生爆炸的危险及危险因素
- 环保材料：不像二次电池的材料对环境有害(Li)而是环保的碳素为原材料进行生产
- 充放电速度快：表面吸附方式可以快速充放电
- 循环使用寿命长：深度充放电循环使用次数达50万以上



Booth No. **1A062**

Company name : LB SEMICON INC.
Address : 138, Cheongbulsandan-ro, Cheongbuk-myeon, Pyontack-city, Gyeonggi -do, 451-833, Korea
Tel : +82-31-680-1754 **Fax :** +82-31-680-1799
Homepage : www.lbsemicon.com **E-mail :** hgchang@lbsemicon.com



Company Introduction

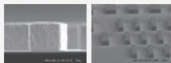


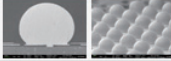




LB Semicon was established in 2000 and listed Korean Stock Market(KOSDAQ) in 2011. LB Semicon provides LCD Driver IC full turnkey service from 200mm/300mm Wafer Bumping, Probe Test to Backend Assembly process such as Lamination, Back-grinding, Laser marking, Sawing, COG(pick&place), AVI, etc. Besides DDI(Display Driver IC) industry, LB Semicon serves Solder Bumping, Cu Pillar Bumping, WLCSP in fields of CIS, PMIC and other semiconductor applications. There are 200mm/300mm FAB in South Korea for the response of customers' many new needs & demands.

LB半导体设立于2000年二月十日、并于2011年1月拿1900万美金的资本金上市了韩国科斯达克市场(KOSDAQ)。LB半导体是为半导体凸块(金凸塊及錫鉛凸塊)制作之專業廠商、属下半導體產業下游之裸晶針測和玻璃覆晶封装(COG)-服務業。为了应对客户的多样新要求、我们提供 200mm 和 300mm 晶圆服务。我们的产品主要应用于LCD 驱动IC, CIS, PMIC。

PRODUCTS |

Our Service is 200mm/300mm Gold Bumping, Solder bumping, Cu Pillar Bumping, Probe Test, WLCSP, RDL(Redistribution), COG/T&R, other backend assembly services.

本公司主要从事金凸块、锡铅凸块及铜柱凸块制作、还裸晶针测、晶圆级晶片尺寸封装(WLCSP)、重分布制成(RDL)、COG/T&R。

Bump	Wafer Size	Process	Characteristic	Market Application
Au	8" & 12"		COF	TV, Monitor, Notebook DIC
			COG	Mobile, Tablet, Automotive DIC
			Cu-Ni-Au Bump (8-3-1um)	DIC / Sensor
			RDL	Premium DRAM
WLCSP			Solder ball	PMIC, DMB RF & BB SoC, Transceiver, AOC
Solder			Cu Pillar bump	RFeIC, BB & AP processor, Power Amplifiers, NAND Fash, WiFi module
			Solder bump	AP, SoC, PMIC
RDL			Cu RDL	Sensor
			Cu/Ni/Au RDL	PMIC, DRAM, Flash Memory

Booth No. **1A041**

Company name : MEDICORE CO., LTD.
Address : 3F Samwoo B/D, 13-8, Baekjegobunro 20gil, Songpa-gu, Seoul, Korea
Tel : +82-2-2056-2681 **Fax :** +82-2-2056-2688
Homepage : www.medi-core.com **E-mail :** damon@medi-core.com



Company Introduction

MEDI-CORE has done our best to support superior medical examination and treatment in lots of hospitals with developing medical products such as Infrared Thermographic Imaging System, Autonomic Nervous System Analyzer, Diabetic Cardiac Neuropathy diagnostic system since 1999.

We always invest to develop competitive extraordinary products as well as manufacture the most suitable device which meet hospital's demands. Furthermore, MEDI-CORE has exported products to USA, Japan, China, South- eastern Asia, the Middle East and Europe markets. We, MEDI-CORE, appreciate your encouragement and support all the time and continuously make an effort to have strong competitive power in manufacturing medical equipment without satisfying this achievement.

PRODUCTS | Smart Pulse /

+ Smart Pulse



Smart Pulse is very innovative home health-care device which can measure your Heart Rate Variability, Stress level, ANS (autonomic nervous system) function and Arterial Health Condition. The measurement can be easily done at any places by connecting to Computer, Tablet PC, Smart phone (iPhone or Android Phone).

It is used to detect the Cardiovascular Diseases & Adult Diseases in the early stage by analyzing the function of the autonomic nervous system, the stress status, the aging of their blood vessels, and their blood circulation.



* Main Function

Stress Measurement

- Physical / Mental Stress
- Stress Resistance

Arterial Health Monitor

- Level of Arterial Health
- Blood Circulation & Vessel Condition

Cumulative Test

- Enable to have the continuous management

Breath Training (RSA Training)

- Improve the ANS Function
- Control Stress

Booth No. **1A031**

Company name : **MU SOLVERS CO., LTD.**

Address : Bizcener 402, 124, Sagimakgol-ro, Jungwon-gu, Seoungnam-si,
Gyeonggi-do, Korea

Tel : +82-70-7435-8531

Fax : +82-70-7469-8530

Homepage : www.musolvers.com

E-mail : eric@musolvers.com



Company Introduction

MU Solvers received ISO9001:2008, certificated Korea Venture and was awarded the design awards, Innovation awards.

MU Solvers have to create a system that can receive same sound all the people, the loudest speaker in the world, development, production.

In addition, a new concept system, the fight against the tide of development of patent applications. The company is small, and will always strive to make creative ideas generated and the results.

PRODUCTS | LUCID Speaker / PIXXO / Compression Driver Unit for Horn Speaker

+ LUCID Speaker

Providing the same sound pressure, speech intelligibility and sound quality to all listeners. It is possible to reduce the howling sounds because not only there is a relatively long distance between microphone and the speaker but also the sounds spread in every direction resulting in the less sound energy flow into the microphone.



- * Power Output : RMS 80W(peak 200W)
- * Frequency Response : 100 - 20,000 Hz
- * Input : 4 Ohm, 250 Ohm, 500 Ohm

+ PIXXO

PIXXO Bluetooth speaker is small size of the palm of your hand, but surprisingly you can be loud and rich sound. PIXXO Bluetooth is can be connected device by wireless, you can enjoy the music, video, and the game. PIXXO is easy to carry because small and stylish. Deep and rich 360° circle sound beyond the size Small speakers sound small but LSB05C speakers can be boast that rich sound beyond the size

Also PIXXO speakers can be hear anywhere natural and deep sound. Outdoor activities such as camping or picnic, you can easily carry.

- * Power Output : RMS 5W(peak 10W)
- * Frequency Response : 100 - 20,000 Hz
- * Continuous play time : 10Hr



+ Compression Driver Unit for Horn Speaker



World's highest power and sensitivity. Very loud and clear sound.

- * Power Rating : 300 watt
- * Impedance : 8 Ohm
- * Magnet : Neodymium
- * Sensitivity : 117 dB@1W,1m
- * Max Power : 142 dB

Booth No. **1A064**

Company name : **NBREDS INC.**

Address : Maru-Bldg, 4,5F, 50, Ahasan-ro, Seongdong-gu, Seoul, Korea

Tel : +82-2-541-7860

Fax : +82-2-541-7874

Homepage : www.nbreeds.com

E-mail : danny@nbreds.com / critfiles@nbreds.com / edward.kang@nbreds.com



Company Introduction

NBREDS since established in January of 2008 has been progressing on the system development in various fields based on creative convergence combined with creativity and technology. Since 2009 the company performed an ongoing mobile-based systems development projects according to the explosive growth of the mobile market environment.

In addition, based on the knowhow on various web and core technology development based on mobile platform, the company has expanded its business throughout the future-oriented convergence industry such as payment platform, sensor device wearable smart technology R&D, etc and strengthened its competitiveness as the next generation smart convergence specialist. NBREDS believe that easier, safer and leisurely world can be created with a small idea and new digital technology. Creation and discovery of values, redefining, convergence, evolution and endless innovation are the name of the work which our company is engaged in.

PRODUCTS | SOUND FIDELITY / SOUND FIDELITY for iMac / Air Cube ECO / Air Cube

+ SOUND FIDELITY



- HIGH SOUND QUALITY
- Two-way sound conforming to the maximum screen size of 60" TV
- Aluminum body having stylish design
- Powerful wireless sub-woofer
- APTX Bluetooth streaming and control app provided

+ SOUND FIDELITY for iMac



- Powerful bass sound roaring in the dual speakers and dual passive radiators
- Premium image having simple yet stylish design
- Provides optimal voice quality using Bluetooth 4.0
- Able to be used as Bluetooth wireless hands-free rather than a simple speaker
- Easy and simple wireless sound system

+ Air Cube ECO



- New concept of air purifier that eliminates the harmful substances in the air by directly finding it using the ion generation
- Removes 99.9% of harmful substances and various bacteria that threaten the health
- Rich negative ions are released
- Can be used conveniently with smart charger or USB connection method
- Stylish design, modern & simple design

+ Air Cube



- Supports Bluetooth 4.0
- Measurements can be check in real-time basis by interlocking the smartphone and aircube device
- measures the particulate, CO2 and discomfort index (temperature/humidity) in a total of 5 steps.
- Step-by-step action guide provided
- Light weight that is small and portable (WxL 50mm, Weight 100g)
- Unique sensible design

Booth No. **1A055**

Company name : **OPTOPOWER CO., LTD.**

Address : #218, 226 Cheomdangwagi-ro, Buk-gu, Gwangju, Korea

Tel : +82-62-975-7205

Fax : +82-62-975-7206

Homepage : www.optopower.kr

E-mail : ysk00260@hanmail.net



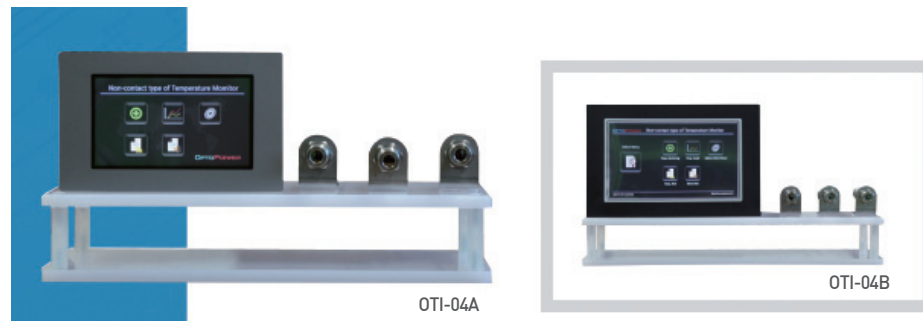
Company Introduction

Optopower Co., LTD. has developed both contact type and a non-contact type of fiber-optic temperature monitor.

We also are developing various kinds of low cost infra-red camera module. We supply the best solutions to avoid unexpected fire of electric power facilities such as distribution pannel, large scale transformer, GIS, air circuit breaker, oil circuit breaker, etc..

PRODUCTS | Non-contact type of IR temperature monitor / Low cost IR camera module for over-heat diagnosis

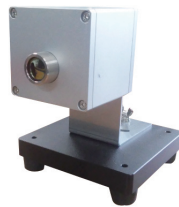
+ Non-contact type of IR temperature monitor



Optopower Co., Ltd. has successfully commercialized non-contact type of optical temperature monitoring system(OTI-04). OTI-04 can effectively monitor the heat produced by electric transformers and the incoming panels of distributing boards. This item can measure the temperature of electric power systems like transformers, bus-bars of distribution systems, large scale electric motor etc. Its measurable temperature ranges from -20°C to +150°C. Measuring accuracy is within $\pm 2\%$. OTI-04 at each temperature level sends out SMS messages to workers, and also it is capable of monitoring the temperature remotely by using serial communication ports or wireless RFID.

+ Low cost IR camera module for over-heat diagnosis

In industry today, reliability and accuracy are crucial issues to cut costs and increase productivity and quality. Continuous, realtime and on-line infrared imaging provides an important monitoring and control tool for production and plant processes. The Optopower infrared cameras and detectors assist in controlling and steering mechanical and computerized manufacturing equipment like conveyor belts, machining tools and robotic arms.



Applications

Over-heat Inspection of electric power facilities

- Electric Transformer
- Contact point of Gas Circuit Breaker, Oil Circuit Breaker
- Standoff Insulator
- Gas Insulated Switchgear
- Battery Management System

Booth No. **1A044**

Company name : **RAYONE, INC.**

Address : 500-470, #959-58, LED Valley Deachon-dong, Buk-gu Gwangju Korea

Tel : +82-62-973-9713

Fax : +82-62-973-9712

Homepage : www.rayone.co.kr

E-mail : rayone8888@gmail.com

RAYONE

Company Introduction

RAYONE is a company that specializes in portable beauty care machinery. We develop and produce makeup airbrushes and heating mascara based on life engineering and skin beauty care technology. We develop and produce products wherein beauty care machinery and cosmetics are merged based on differentiated concept, ideas, and designs and bio skin science technology, such as skin absorption control, skin appropriateness, long-lasting effect, and functions. We plan and develop the best products considering the value of design, such as insight, observation, and sympathy, for added life convenience and emotional satisfaction.

RAYONE continues to research and develop products as well as innovate business management to consolidate higher competitiveness and user convenience that reflect customer needs and to create a new market and satisfy the needs of customers from all over the world in the stagnant beauty care market.

PRODUCTS | Beauzen Air Brush(Personal) / Beauzen Air Brush(Professional) / Beauzen Oxygen Brush

+ Beauzen Air Brush(Personal) / Beauzen Air Brush(Professional)



- The air pump spray sprays minute cosmetic particles
- Atomizes cosmetics and nutrients into minute particles
- Because the minute particles do not clog the pores, oxygen can be supplied to the skin
- Possible detailed makeup and gradation on a large area
- Possible efficient and hygienic makeup and skin care
- Both professionals and the general public can easily use it for makeup

+ Beauzen Oxygen Brush



- Uses highly pure oxygen for the skin to absorb the oxygen and functional cosmetics.
- Supplies highly pure oxygen to promote minute circulation and metabolism of the skin for the possible supply of nutrients to cells.
- Excellently removes harmful oxygen, acts as an antibacterial and anti-inflammatory agent, as well as enhances the skin's regeneration and ability to grow.
- Prevents aging as well as improves the skin elasticity and atopy while whitening.
- Promotes the skin's absorption of effective components with oxygen to maximize skin improvement.
- Disassembly of main parts that are replaceable enables easy product care and manipulation.
- Can easily use at home and shops specializing in skin care.

Booth No. **1A034**

Company name : SUNGMUNELECTRONICS CO., LTD.

Address : Bucheon Technopark 301-301~2, 365-1, Samjeong-dong, Ojeong-gu,
Bucheon-city, Gyeonggi-do, 421-741, Korea

Tel : +82-32-328-1941~5

Fax : +82-32-328-1945

Homepage : www.sungmun.co.kr

E-mail : sungmun@sungmun.co.kr

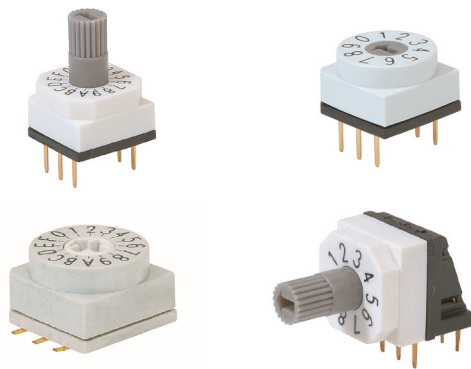


Company Introduction

Sungmun Electronics is the most company manufacturing various switches and LED modules in Korea. We've succeeded to manufacture many of switches which had been used only by importing in Korea with our technologies by introducing new technologies in decisive manner since established in 1995. Now, we provide the ideal solutions with proclaiming to differentiate in fields of switch and LED module. Additionally, we're creating another future value with strict workmanship "do not make anything except the best".

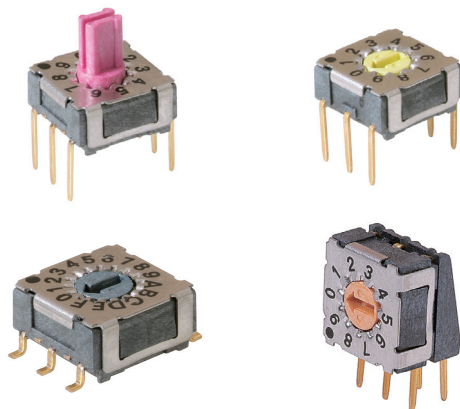
PRODUCTS | Rotary Dip Switch / Mini Rotary Dip Switch

+ Rotary Dip Switch



- Various positions including 4, 6, 8, 10, 16
- Various structures including THT, SMD, Angled
- IP67 (waterproof, dustproof)
- RoHS compliant
- High reliability with the use of gold-plated contact

+ Mini Rotary Dip Switch



- Ultra-slim size high-density mounting
- Various positions including 10, 16
- Various structures including THT, SMD, Angled
- IP67 (waterproof, dustproof)
- RoHS compliant
- High reliability with the use of gold-plated contact

Booth No. **1A022**

Company name : U-TECH CO., LTD.

Address : 48, Jeonpa-ro, Manan-gu, Anyang-si, Gyeonggi-do, Korea

Tel : +82-31-444-0202 / +82 10-8381-0622

Fax : +82-31-477-0373

Homepage : www.u-tech.co.kr

E-mail : wei@u-tech.co.kr



Company Introduction

株式会社U-TECH是成立于2006年的手机配件生产企业,本着收益为中心的经营理念在韩国激烈的市场竞争中,每年实现业绩高速增长,成为显示配件市场中的佼佼者。

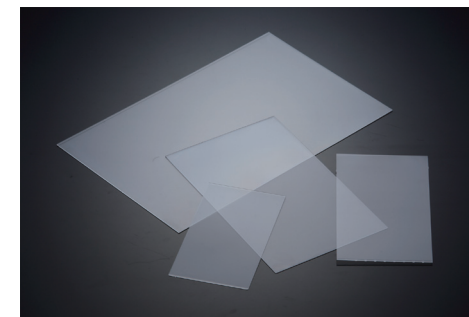
作为背光组配件中导光板和塑胶架的生产商, U-tech独家拥有压缩模具制作和压缩产品生产的尖端技术,也是韩国唯一一家能够量产双色胶架和0.25t超薄导光板的企业。

严格的品质管理系统和资深的从业人员保证了产品的供货质量,坚持不懈的研发投入同时赢得了国际两大智能手机厂商的青睐。

基于企业的竞争力, U-tech着眼于成为“世界顶尖手机配件企业”,为了在中国市场进一步推广,荣幸受邀参加本次展会。

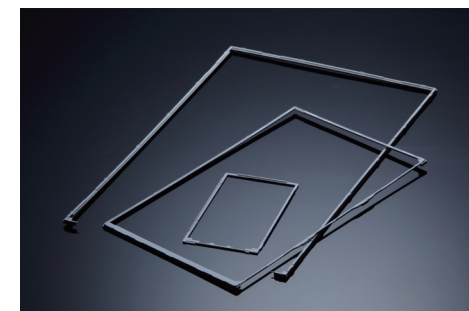
PRODUCTS | 导光板(light guide plate) / 塑胶架(mold frame)

+ 导光板(light guide plate)



- 将LCD背光组光源产生的光线均匀分散的重要配件。
- 0.25t 超薄 导光板可实现大规模量产。
- 韩国国内最大的注塑产能—94台高速注塑机。(包括42台压缩注塑机)
- Cycle time 22秒
- 产能 1500万片 / 月
- 短交期, 模具制作 T0 : D+7, TF: D+20
- 超精密网点加工
- 网点设计最优化
- 多穴注塑
- 压缩模注塑

+ 塑胶架(mold frame)



- 固定及保护 LED光源、导光板、膜片等背光组材料的重要配件
- 韩国首创超薄双色胶架成型技术
- 韩国唯一双色成型工厂(38台双色成型机)
- Cycle time 13秒
- 产能: 1600万个 / 月
- 短交期, 模具T0 : D+7, TF: D+20
- 产品范围广(最大可达 12.2英寸)

Booth No. **1A015**

Company name : **W CO., LTD.**

Address : 6, Gyodong 1-gil, Chungju-si, Chungcheongbuk-do, 380-950, Korea

Tel : +82-1670-1667

Fax : +82-43-856-0880

Homepage : www.wcenano.com

E-mail : oneplanw@gmail.com

Company Introduction

A better life for all in smart world.

W company is giving special products for your better life. Also, we can help to you with diverse products. 'W' behaves with positioning for users and all of what they want on the center of thinking's activities as a brand of digital devices based on sensibility. And it considers management activities of brand value core that sets a goal at offering better values and new experience through rapport with users beyond technologies as a core philosophy

W 公司为您的生活带来特殊的产品。同时我们也帮助您使用不同的产品。W“ 定位用户和所有的用户所需要的产品,把用户的思维以感性为基础建立了一个数码设备中心。W认为, 品牌价值的核心管理活动是除了技术核心为理念之外,通过和新的经验关系,设置目标为用户提供更好的价值。

PRODUCTS | For smartphone(手机镀膜) / gift pack(礼物套盒) / Standard car care coatings(汽车一般用镀膜套装)

+ For smartphone (手机镀膜)



- component : smart Cleaner, Smart Sealer, Microfiber Towels.
- Effect : Protect from scratches. Clear high-definition, Clean LCD Replace protect film. Antibacteria effect. No finger print.
- 组合 : 手机清洗液, 手机镀膜液, 超纤维布.
- 作用 : 防止生活划痕 提高画面质量 代替保护膜的效果 抗菌效果 防止指纹效果

+ gift pack (礼物套盒)



- component : Smartphone Cleaner, Smart sealer, Glasses cleaner, Glasses sealer
- Effect : Protect from scratches. No blinding flash of light. Clear sight. UV sun block. High penetration ratio.
- 组合 : 手机清洗液、手机镀膜液 眼镜清洗液、眼镜镀膜液
- 作用 : 防止划痕 没有炫目的晒光 提高画面清晰度 UV 防晒高渗透性

+ Standard car care coatings (汽车一般用镀膜套装)



- component : Car Sealer 1ea, Car Care 5ea, Car Primer 500ml, Microfiber Towle 2ea.
- Effect : Flawless the car appearance. Protect your car shine on the surface. Reduces the wash time, The fast drying. Waterproof, dustproof effect for dust and water.
- 组合 : Car Sealer 1个, Car Care 5个, 稀释液500ml, 高纤维毛巾2个.
- 作用 : 完美的汽车外观 保护汽车的表面光泽度 减少洗车所需的时间, 快速变干 远离灰尘和水的侵袭

Memo

Memo

Handwriting practice area with 20 horizontal dashed lines.

Memo

Handwriting practice area with 20 horizontal dashed lines.

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