德鑫物联
GSIT

智能标签设备
Smart Label Equipment

冲孔机
Hole Punching Machine

读写器
Reader

北京德鑫泉物联网科技股份有限公司

Golden Spring Internet of Things Inc.

RFID智能卡设备
RFID Smart
Card Equipment

机器人及视觉
自动化设备
Robot- Vision
Based Automation
Equipment

德鑫物联
GSIT

Golden Spring Internet of Things Inc. (hereafter called GSIT) established in 2004, is a high tech company that integrates invention, manufacture and service provider. GSIT can provide turnkey solutions of RFID (smart label, contactless smart card and combi-card) production, personalization and applications. Its main products are RFID inlay manufacturing machines and robot based vision systems.

GSIT has a strong technological capability, and has invested a lot of money in the research and development of new products, new equipment and new processes.For years, the team of GSIT has devoted to technical innovation, has already applied 30 patented technologies, enhancing its leading role in the RFID field.

GSIT is the cooperative partner of an American company, ADEPT (Global manufacturer of the most intelligent robots) in the greater China Region, and it has globally the most advanced robot- -vision automation technique and R&D capability, and has developed solar cell assembly, robot-vision based inspection device and other kinds of automatic equipment.

The self-developed and proprietary RFID inlay manufacturing equipment, have been successfully put into use in the fields of ID card projects, driving license, transportation card, finance, logistic, manufacturing and etc. at home and abroad. GSIT has devoted to be stronger and more professional in the sector. We passed the IS09001:2008 international quality management system authentication in 2008 and established a complete internal quality management system.

After 2010, GSIT set up an RFID business department, Shanghai Branch, Shenzhen Branch and Beijing Together Flowering Import and Export Trade Company etc., through resources integration. Its strategy is increasingly perfected. The company has become a high-tech company that can provide the ultimate application solutions from the label production equipment and RFID read and write equipment manufacturer.

The company inherits a business philosophy of "Honest, Innovation, Fast Service" ± and continues to improve and develop in the practice, contributing to the development of RFID in China and a national brand of automation equipment industry.

Awards and Qualifications

- China New HI-tech Corporation
- ISO Certificate of Quality Management System Certification
- Member of China International Smart Card Association
- Member of Smart Card Society of China Information Industry Trade Association
- Member of CIITA RFID CHINA ALLIANCE
- BeiJing Patent Experimental Corporation
- Computer Software Copyright Certification
- Innovation Fund of Small-Middle Size Enterprises
- Golden Ant Award of 2009 National Golden Card Project
- Deloitte Asia High-tech Fast Developing 500 company (Rank 84)
- Deloitte China High-tech Fast Developing 50 company (Rank 36)

Main Projects

China National ID
China E-Passport
China World EXPO Tickets
China Transportation Card
China Student Card
Indonesia National ID
Indonesia E-Passport
Indonesia Driving license
Indonesia Worker 10
India Transportation Card
Italy E-Passport
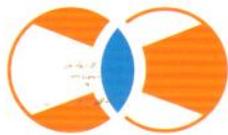
Smart Label Flip Chip Bonder

- Globally the most intelligent US made robot and vision technology
- Provide the turnkey solution from equipment, know-how, chip, antenna
- Strong, flexible and powerful configuration
- Complete know-how parameters for label inlay manufacturing with normal chips
- High temperature control precision and good quality products
- Turnkey solution of high performance / price ratio

Smart Label Flip Chip Bonder is a full automatic high speed RFID inlay production system. It provides an innovation in flip chip assembly technology for RFID inlays. The system is equipped with the smart robot- vision system to conduct the semi-conductor antenna feeding and antenna binding. Its application includes but not limited to tickets, luggage label, good management, logistics, military, library, manufacturing, retail, access control and identification etc. important fields. The system is modularized design with good quality, high precision and high performance /price ratio..

Advantages

High precision robot- vision system, the bonding precision reach to 28

Patented heat press curing technology, especially good for local chips

Tray pad technology, fast sample making, flexibility and good quality

Patented glue dispensing technology and lower glue consumption

Strong flexible and Process of all types of chips and antennas

Manufacturing of various good quality labels

Best quality components and good stability in long production

Technical parameters

Speed: 3200 UPH, 6400 UPH, 9600 UPH

Width: 180mm, 300mm, ≤400mm, its width is optional

Precision of robot: +/-0.003mm

Compatible type: roll and sheet

Material: Paper, PET etc.

Suitable frequency: HF and UHF

Compatible antenna: Printed antenna and etched antenna (Aluminum and copper)

Wafer Size: 6 inch, 8 inch; 12 inch is can be customized

Die Size: 0.3-2.2 mm

System Structures

Feeder module	Robot system for picking chip, gluing and placing chip	Heat pressure curing module
Read-write & personalization module	Dividing and cutting module	Rewinding module

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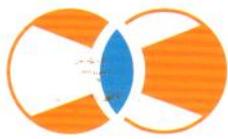
智能标签倒贴片封装设备

- 采用全球最高端美国Adept机器人及视觉自动化技术
- 从设备、工艺、芯片、天线提供全面解决方案
- 功能强大、配置灵活
- 对常用芯片配有成熟的工艺参数
- 温度控制精度高，产品品质好
- 高性价比的交钥匙工程

智能标签倒贴片封装设备为全自动高速RFID inlay生产设备。它利用高精度视觉系统和智能机器人运动系统对半导体芯片和天线倒贴片邦定。广泛应用于门票（世博会、奥运会）、行李标签、货物管理、物流、军事、图书馆、生产制造、零售业、门禁控制、身份识别等重要领域。设备采用模块化设计，具有高品质、高精度、高兼容性、高性价比、高速度等优点。

产品优势

高精度机器人运动及视觉处理系统，邦定精度可高达28um

专利的热压技术，尤其适应国产芯片

可选的Tray盘功能，打样快速。灵活，品质高

申请专利的点胶技术，胶水耗量小

强大的灵活性，可以处理不同的芯片、天线

和制作不同的标签生产的产品质量高、稳定性好

全部采用世界领先的器件，长期运行稳定性高

技术参数

速度：3200UPH，6400UPH，9600UPH

宽度：180mm，300mm，≤400mm，更宽幅度为可选配置

机器人精度：+/−0.003mm

基材类型：卷料式和片张式

基材材料：PET和纸等材料

工作频段：HF和UHF

天线类型：印刷天线和蚀刻天线（铜、铝）

晶圆规格：6英寸，8英寸，可定制12英寸

硅片尺寸：0.3~2.2mm

系统架构

上料模块	取放硅片机器人及视觉系统模块	热压模块
读写测试模块	分切模块	收料模块
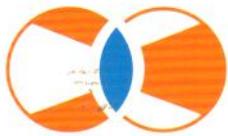
Hole Punching Machine

- Hole punching precision within the half meter width reaches to: ±0.03mm. ●
- Long life punching tool and stable performance. ●
- Production experience of billions of ID card and high-end card. ●
- Automatical Recovery of waste materials. ●
- The production output reaches to 10,000 cards per hour. ●

The hole punching machine advanced system is a self-developed hole-punching machines for the card substrate materials. It is composed of a special hydraulic equipment and a high precision contactless module. It can be designed and manufactured according the size, positions of small and big holes in the card, it can adapt to the PVC, PETG, PET, PC, ABS, TESLIN etc. card substrates.

Advantages

High quality, high precision;

Independent hydraulic pressure and electric control system;

It has pressure maintaining and time delay function

Can adjust the pressure and stroke in regular range, advance technology for setting up the pressure and stroke, automatic return-stroke;

Technical Parameters

Model: CSC-H

Nominal force: 150 KN

Throat depth: 280mm

Pressure stroke: 260mm

The max. space between slide and working plate: 400mm

Working Platform dimension: 450x600mm

Hole punching precision: ±0.03mm

Machine Dimension: 1200(L)x800(W)x1850 (H)mm

Weight: 1.3T

Motor Power: 2.2KW
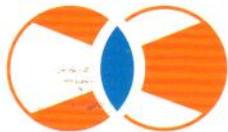
冲孔机

- 在半米幅面内，冲孔精度可达：+/−0.03mm ●
- 模具寿命长，使用稳定； ●
- 具有十几亿身份证及高端卡生产经验 ●
- 自动回收废料 ●
- 速度可达10000卡/小时 ●

冲孔机是公司自主研发的智能卡基材冲孔系统。由特殊优化的液压机和高精度冲孔模具组成。可以根据具体的片张尺寸、大小孔的位置等要求进行设计和生产，支持PVC、PETG、PET、ABS、TESLIN、PC等基材。

产品优势

高品质、高精度

设有独立的液压与电气控制系统

定压和定程二成型工艺，具有保压延时和自动回程等优点

压力和行程可以在规定的范围内进行调整

技术参数

型号：CSC_H

公称压力：150 KN

喉深：280

压力行程：≥260mm

压头至工作台最大距离：400mm

工作台尺寸：450×600mm

冲孔精度：+/−0.03mm

外形尺寸：1200x800x1850mm

重量：1.3T

电机功率：2.2KW
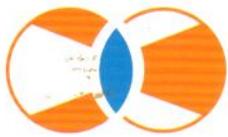
Pick and Placer

- Globally fastest production speed and best quality ●
- Compliance reaches to 99.98% ●
- Personalized the design upon requirements ●
- Different configuration is available ●
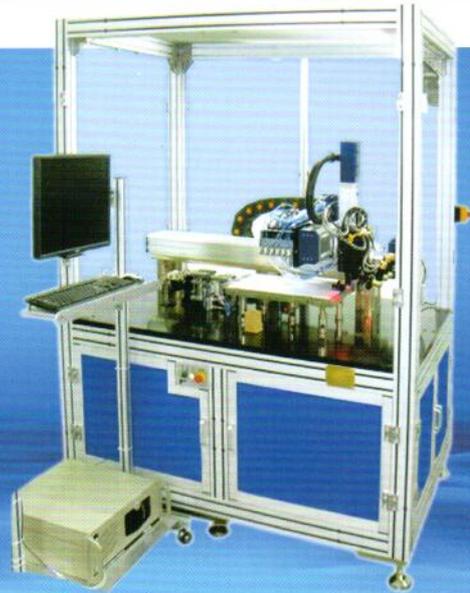
The Pick and Placer is a full automatic system self-developed by the company for module picking and placing. It is composed of industrial robot, intelligent controller, module punching system, glue pointing and vision system. The industrial robot puts the module from the module punching shearing onto the hole of the module on the card, the pick and placing position can be adjusted according to the position of the hole of the module, and glue is added to fix it accordingly so as to conduct wire implanting and welding. The system can more than 10,000 bits file of pick and placing.

Advantages

High precision of pick and place is controlled by a vision system(optional)

High performance robot and smarter control systems

High compliance of cards produced

The modules can be placed in normal mode or in a flip mode(optional)

Bad modules are detected during the process

Automatic feeding and loading workcell (optional)

Best quality imported components adopted

Large production prove in many national projects (ID card)

Technical Parameters
(Machine has CE certification)

Heads: 1-8 heads (depending on the configuration and production output requirements)

Speed: 800-6600 cards/hour

Precision of robot: ± 0.003mm

Dimension: 1700(L) x 1200(W) x 2050(H) mm

Weight: approximately 1000KG
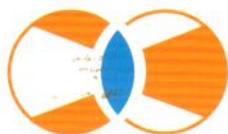
填装机

- 全世界速度最快，质量最好 ●
- 产品合格率高达99.98% ●
- 根据生产需要进行个性化设计 ●
- 可选配不同配置 ●
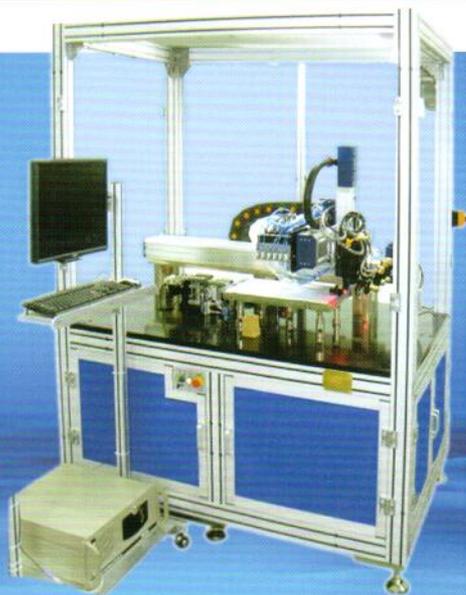
填装机是公司自主研发的全自动模块取放填装系统，由工业机器人、智能控制器、模块冲切系统、点胶系统和视觉系统组成。通过机器人把模块冲切系统冲切运送的模块填放到片张上模块孔中，根据模块孔位置，填装位置可调整，并用胶水将模块加以固定，以待埋线和焊接。该系统可以通过计算机存储10万多种填装点位文件。

产品优势

带视觉导航功能（可选），确保填装精度高

高性能机器人运动及智能机器人控制系统

生产卡片产品合格率高

填装模块可以正装也可以倒装（可选）

可以自动检测坏模块

自动上下料（可选）

大量采用优质进口零部件

广泛应用于身份证等大型国家级项目

技术参数

工作头：1-8头（根据不同的结构和生产速度需求而定）

速度：800-6600卡/小时

机器人运动精度：+/-0.003mm

机器尺寸：1700mm × 1200mm × 2050mm

重量：1000 KG 左右
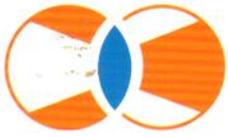
Implanter & Welder Combi-Machine

- **Globally fastest production speed and best quality;**
- **Production speed reaches to 4000 cards/hour**
- **Welding Pulling force > 100g**
- **Large productions prove in the national ID card project**
- **Products can pass more than 20 times of the bending test**

The Implanter & Welder Combi-Machine is an automatic system of wire embedding and welding system, which is composed of the industrial robot, intelligent controller, antenna implanting system and welding system. Through the energy generated by the ultrasonic wave and the antenna implanting system, the painted wire is implanted into the card and winded into the coil, and the then the welding system will weld the module and the winding wire together, comleting the core production of ID cards. The position, size and shape, number of turns of the coil can be quickly determined by a computer, it can store more than 10,000 bit files of wire embedding.

Advantages

High performance robot and smarter control systems

High compliance of the cards produced

Good welding performance and small deformation

The system can work in wire embedding mode only

The system can work in welding mode only

Combination of Implanter and Welder together, reduce space and labor

Easy adjustment

Fast embedding wire speed: 600mm/s

Can realize high speed implanting of the ordinary materials

Supports PVC, PETG, PET, PC, ABS, TESLIN etc. different substrates;

Best quality imported components are largely adopted.

Technical Parameters
(Machine has CE certification)

Heads: 2-8 heads (depending on the configuration and production output requirements)

Speed: 1000-4000 cards/hour

Precision of robot: ± 0.003mm

Pulling Strength: >100 grams (0.1mm copper wire)

Dimension: 1700 (L) x 1200 (W) x 2050 (H)mm

Weight: approximately 1200KG

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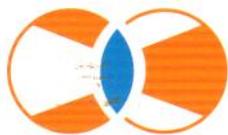
埋线焊接一体机

- 全世界速度最快，质量最好
- 生产速度可达4000卡/小时
- 焊接拉力大于100g
- 大量应用在身份证生产等国家项目
- 生产产品可通过20次以上弯扭曲测试
- （ISO/IEC 10373&7810），确保可以使用20年

埋线焊接一体机是我司自主研发的全自动天线植入和焊接系统，由工业机器人、智能控制器系统、天线植入系统、焊接系统组成。通过超声波产生的能量和天线植入系统，把漆包线植入到基材中并绕制设定的线圈，然后通过焊接系统把模块和天线牢固焊接起来，完成非接触智能卡的核心层制作。线圈的位置、大小、形状以及匝数可以通过计算机快速设定，并且可以存储10万多种埋线点位文件。

产品优势

高性能机器人运动及智能机器人控制系统

生产卡片产品合格率高

焊接效果好，变形小

可以选择只埋线模式或者只焊接模式

集成埋线和焊接于一体，节省空间和人力

调整方便

具有高速埋线能力，埋线速度可达600mm/s

可实现普料高速埋线

支持PVC，PETG，PET，PC，ABS，TESLIN等不同的基材

大量采用优质进口零部件

技术参数

工作头：2-8头（根据不同的结构和生产速度需求而定）

速度：1000-4000卡/小时

机器人运动精度：+/-0.003mm

焊接拉力：大于100g （0.1mm铜线）

机器尺寸：1700mm×1200mm×2050mm

重量：1200KG 左右

Vision Guided Sheet Gathering Machine

- Smart vision positioning system for alignment ●
- Alignment precision reaches to 0.05-0.15 mm ●
- Has been proved by billions of ID cards and high quality cards ●

The **Vision Guided Sheet Gathering Machine** is a self-developed semi-automatic collating system for the different sheet layers in the order to prepare them for the lamination process. It is suitable for PVC, PET-G, PET, PC, ABS, TESLIN etc. different materials. The system supports 4x 8, 3x 8, 5x5 different layouts.

Advantages

Vision positioning and high precision alignment

Easy operation and high working efficiency

Periodic calibration function

Computer monitors for display of image and parameter settings and good stability

Multi tacking positions and good tacking performance

Technical Parameters

Model: CSC-G-P

Camera: 4 pcs

Speed: approximately 3600-4800 cards/hour, depending on operator and process

Alignment precision of software algorithms: 0.03mm

Delay of display: <0.1ms

Dimension: 1100 (L)x600 (W)x1400(H) mm

Weight: 100 KG
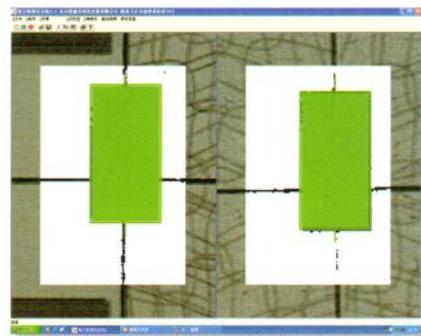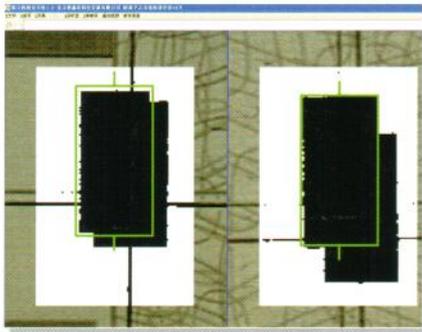
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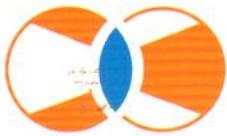
视觉型装订机

- 智能视觉定位系统定位上下卡张 ●
- 对位精度可达0.05~0.15mm ●
- 经过几十亿身份证及高端卡验证 ●

视觉型装订机是我司自主研发的半自动视觉定位的卡片多层物料校准、装订系统，可适用于PVC，PET-G，PC，TESLIN，PET等不同材质的物料，可适用于4×8，3×8，5×5等不同的片张布局。

产品优势

视觉定位，对准精度高

操作简单、易上手、工作效率高

系统有定期的校准设定功能

电脑系统控制、稳定性高

多装订点位置，装订效果好

技术参数

型号：CSC-G-P

相机：4个

速度：约3600-4800 卡/小时

软件算法对准精度：0.03mm

显示延迟：<0.1ms

机器尺寸：1100mm × 600mm × 1400mm

重量：100 KG
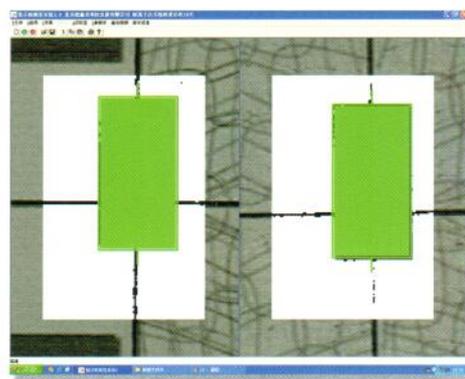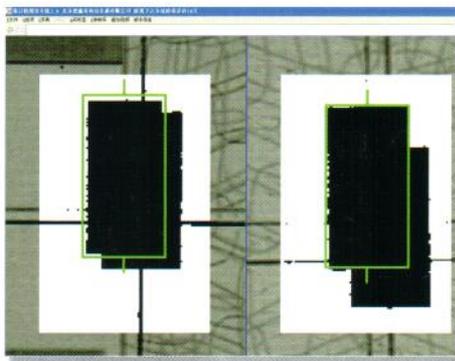
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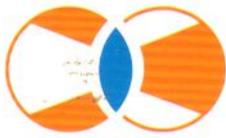
Multifunction radio frequency identification

Product tester

**High sensitivity, high resolution
and visual digital display chip package shear stress
Self checking function
Force measuring peak hold function**

Multifunction RF identification product tester can be used to conduct the shearing force test of the bonding strength between flip-chip chip and substrate bonding by the ACP glue.

Suitable for the tests of soft, hard substrate Inlay, Stripe and strip test of the SIM card.

By replacing the test fixture, it can conduct the test of the welding strength tensile between the non contact intelligent card and copper wire.

Test items

1. The bonding strength of Inlay flip-chip chip and substrate of the smart label.
2. The bonding strength between the flip-chip chip and substrate of the Stripe;
3. The bonding strength between the SIM card module and substrate;
4. Tensile of the welding strength of the non contact smart card module;

Technical parameters

Maximum load：50N	Maximum test stroke：≥80mm	Test erro：±0.5%
Minimum resolution：0.01N	Hysteresis stroke (single edge)：≤1.5	Selectable measuring unit：N、kgf、lbf
Maximum measuring speed：0.2mm/s±1%	Minimum measuring speed：0.025mm/s±1%	Minimum motion speed of head:0.1mm/±10%
Display and control：TFT LCD/touch screen	Source of power supply：single phase 220Vac±0%	

The test fixture and modules

Types of test fixture and modules

J-1 Inlay, Stripe fixture

J-2 SIM card strip clamp

J-3 type contactless smart card module tension clamp

Usage

Test the bonding strength between the flip-chip chip and substrate cured with the ACP glue;

Test the bonding strength between the SIM card module and substrate;

Tensile test of welding strength between the non card module and the wire;

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多功能射频识别产品测试仪

高灵敏、高分辨率和直观数字显示芯片封装剪切力

自校功能

测力峰值保持功能

多功能射频识别产品测试仪对使用ACP胶固化的flip-chip芯片与基材之间粘接的强度进行剪切力测试。

适用于软、硬质基材的Inlay、Stripe和SIM卡的条带测试。

更换测试夹具，可以测试非接触智能卡与铜线间焊接强度拉力测试。

测试项目

1. 智能标签Inlay的flip-chip芯片与基材之间粘接的强度

2. Stripe的flip-chip芯片与基材之间粘接的强度

3. SIM卡模块与基材之间粘接的强度测试

4. 非接触智能卡的模块焊接强度的拉力

技术参数

测试主机

最大负荷值：50N	最大测试行程：≥80mm	测试误差：±0.5%
最小分辨率：0.01N	迟滞行程（单边）：≤1.5	可选择的测量单位：N、kgf、lbf
最大测量速度：0.2mm/秒±1%	最小测量速度：0.025mm/秒±1%	机头最小运动速度：0.1mm/秒±10%
显示和控制：TFT LCD/触摸屏	供电电源：单相 220Vac±10%	

测试夹具及模块

测试夹具和模块型号	用　途
J-1型Inlay、Stripe夹具	使用ACP胶固化的flip-chip芯片与基材之间粘接的强度测试
J-2型SIM卡的条带夹具	SIM卡模块与基材之间粘接的强度测试
J-3型非接触智能卡的模块拉力夹具	非接卡的模块与导线间焊接强度的拉力测试
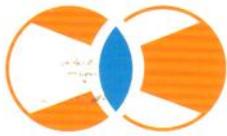
Read/write device

The company has a variety of self-developed and proprietary **UHF RFID** products that can meet the international ISO18000, EPC G2 and other and multiple protocols, the products have characteristics such as of long reading distance, stable reading and writing effect, high sensitivity, low power consumption, and can be identified by multi-tags etc., they can be widely applied to tobacco, military logistics, asset tracking, logistics and supply chain management, vehicle and personnel management, library management, animal husbandry, medicine, entrance guard system, ticket system and other fields.

Passive equipment series				
Picture	Dimension	Model	Name of product	Technical parameters
	L : 80mm		Passive desktop card programmer	Operating frequency: 902 ~ 928MHz, 868MHz (can be customized according to user needs). Working mode: a broad spectrum of frequency hopping or fixed frequency transmitting mode; Card reader mode: master slave mode; timing mode; trigger mode; RF power:15 ~ 30dBm (may be slightly different along with the national or regional difference); Protocol: ISO-18000-6B, ISO18000-6C (EPC G2) Communication interface: Wiegen 26 /32/ 34, RS232 / 485,10 / 100M, adaptive Ethernet, USB1.1, WIFI (the back three items are to be customized) Read range: 0 ~ 30m (related to the label and antenna)
	W : 170mm		Passive four channel read/write device	
	H : 40mm			
	L : 450mm		Passive long distance read/write device	
	W : 450mm			
	H : 65mm			
Active equipment series				
	L : 230mm		Active long distance read/write device	Operating frequency:915MHz + /5MHz (can be customized according to user needs); Working mode: timing mode (real time scan), trigger mode RF power: OdBm Communication interface: Wiegen 26 /32/ 34, R8232 / 485,10 / 100M adaptive Ethernet, USB1.1 (the back two items are to be customized); Communication mechanism: Based on TDMA technology and code division multiple access (CDMA) technology combination Anti interference: multiple devices work simultaneously without mutual interference; Safety: encryption calculation and certification, ensures the security of the data, and prevents the eavesdropping and data cracking; The recognition speed: it can simultaneously identify 200 active electronic labels; ID password: 40bit (24 bits fixed information storage memory, random information 16 bits) Transmission distance: up to 150 meters or above.
	W : 230mm			
	H : 65mm			
	L : 90mm		Active electronic label	
	W : 50mm			
	H : 7mm			

读写器

公司拥有多种自主知识产权的UHF RFID产品，满足国际ISO18000、EPC G2等多种协议，具有阅读距离远、读写效果稳定、灵敏度高、功耗低、可多标签识别的特点，可广泛应用于烟草、军事物流、资产追踪、物流及供应链、车辆管理、人员管理、图书管理、畜牧业、医药、门禁门票等多种领域。

无源设备系列

图片	尺寸	型号	品名	技术参数
	长：180mm 宽：170mm 高：40mm		无源桌面发卡编程器	工作频率：902～928MHz、868MHz（可根据用户需要定制） 工作方式：广谱跳频或定频发射方式 读卡方式：主从工作模式；定时工作模式；触发工作模式 射频功率：15～30dBm（随国家或地区不同可能略有差别） 协　议：ISO-18000-6B、ISO18000-6C（EPC G2） 通信接口：韦根26/32/34、RS232/485、10/100M自适应以太网、USB1.1 WIFI（后三项需定制） 读取距离：0～30m（和标签及天线有关）
			无源四通道读写器	
	长：450mm 宽：450mm 高：65mm		无源远距离读写器	

有源设备系列

图片	尺寸	型号	品名	技术参数
	长：230mm 宽：230mm 高：65mm		有源远距离读写器	工作频率：915MHz +/-5MHz（可根据用户需要定制） 工作方式：定时工作模式（实时扫描），触发工作模式 射频功率：0dBm 通信接口：韦根26/32/34、RS232/485、10/100M自适应以太网、USB1.1 （后两项需定制） 通信机制：基于时分多址技术（TDMA）和码分多址（Code－Division Multiple Access）技术结合体
	长：90mm 宽：50mm 高：7mm		有源电子标签	抗干扰性：多个设备同时工作互不干扰 安全性：加密计算与认证，确保数据安全，防止链路窃听与数据破解 识别速度：最多可同时识别200张有源电子标签 ID密码：40bit（固定信息存储器24bit，随机信息存储器16bit） 传输距离：最大可达150米以上
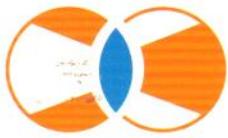
DIF–EBD–2000– II Dual interfaced encapsulation equipment

Double interfaced cards are mainly applied in social security cards, bank cards and other high—end application.

Introduction of equipment	Advanced fully automatic high speed dual interfaced module encapsulation equipment; Card feeding system, card substrate detection system, module pre—package system, module packaging system, card detection system, card collection system
Equipment specification	Model: DIF—EBD—2000 — II, speed:2000 cards/h, online detection of contact and non—contact type functions
Advantages	It can withhold test in boiling water for 24 hours.
	Passed ten cycles of torsional bending test
	Special conductive material can support;
	Under −60−1600°C extreme environments; a service life of 8 years;
	Under normal circumstances; a service life of 20 years;
	New solution of the double interfaces cards production;
	Full automatic integrated machine
	Online detection function
	Simple structural design, convenient operation
	High compliance

The information here is for reference only, the actual data shall be based on the product.
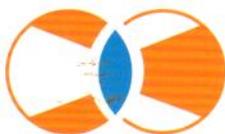
DIF-EBD-2000-Ⅱ 双界面封装设备

双界面卡的主要应用是在社保卡，银行卡等高端应用。

设备介绍	先进的全自动的高速双界面模块封装设备： 卡片的上料系统、卡基检测系统、模块预封装系统、模块封装系统、成卡检测系统、收卡系统
设备规格	型号：DIF-EBD-2000-Ⅱ、速度：2000 张卡/小时、在线检测接触式和非接触式功能
优 势	可经过24小时沸水检测
	扭弯曲测试通过10次循环
	特殊的导电材料可以支持：
	在 −60 − 1600℃　极端环境下：8年的寿命
	在正常的环境下：20年的寿命
	全新的双界面卡生产解决方案
	全自动一体机
	在线的检测功能
	结构设计简单，操作方便
	高合格率

资料仅供参考，产品以实物为准

公司简介

北京德鑫泉物联网科技股份有限公司成立于2004年，是专业从事RFID（包括智能标签、非接触智能卡、复合卡）生产及个性化全面解决方案的高新技术企业。主营产品为高品质RFID 生产、应用相关设备及机器人与视觉自动化高端智能装备。

公司技术实例雄厚，斥巨资投入新产品、新设备、新工艺的研发。多年来，公司致力于技术创新、工艺积累，已拥有 30项专利技术，奠定了公司在RFID行业的领军地位。

公司是美国ADEPT（全球最先进的机器人制造商）大中华区的合作伙伴。拥有世界领先的机器人与视觉自动化技术和研发能力，成功研发了太阳能电池组装、视觉分拣等多种自动化生产设备。

本公司研发的拥有完全自主知识产权的全自动RFIDinlay生产设备，已经成功应用于国内外的身份证、驾驶证、护照、公交卡、金融、物流、制造等重要专用领域，力求在行业内做专做强。2008年，公司顺利通过ISO9001国际质量管理体系认证，并依此建立了质量管理体系，

公司在2010年后，通过资源整合，建立了RFID事业部以及上海分公司、深圳分公司和北京同德兴盛进出口贸易公司，战略布局日趋完善，从而覆盖了从标签生产设备到RFID读写设备以至最终应用解决方案全领域的高科技企业。

公司秉承"企业诚信、技术革新、服务快速"的经营理念，在实践中不断完善和发展，为打造中国RFID及自动化设备自主品牌贡献自己的绵薄之力！

公司荣誉

- 高新技术企业认定证书
- ISO9001：2008质量管理体系认证证书
- 中国国际智能卡商会会员
- 中国信息产业商会智能卡专业委员会会员
- 中国RFID产业联盟成员
- 北京市专利试点单位
- 计算机软件著作权登记证书
- 科技部科技型中小企业创新基金
- 2009年国家金卡工程优秀成果金蚂蚁奖

公司主要客户

中华人民共和国公安部第一研究所
中国机动车辆安全鉴定检测中心
航天信息股份有限公司航天金卡分公司
北京意诚信通智能卡科技有限公司
天津环球磁卡股份有限公司
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中卡智能卡（上海）有限公司
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