科晶智能
KEJING INTELLIGENCE

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本文提供的信息以付诸印刷为准，公司对产品所做的细小改动调整可能未必出现在资料中。公司保留更改产品技术参数与规格的权利。图片与实物可能有细微区别。产品的颜色、外观以实物为准。

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品牌引领智慧阅读
智慧图书馆行业领跑者

源头工厂。
从材料到成品都由自己生产；

Source factory.
From the material to the finished product
by our own production;

品质保证。
所有的标签都能溯源。品质保证；

Quality assurance.
All labels can be traced back to the source;

性价比高。
同等性能，价格最优；

High performance cost ratio.
same performance price is optimal;

专业服务。
技术支持、新品开发、免费测试服务。

Professional services.
Technical support, new product development,
free testing services.

我们的定位是为广大经销商服务的源头标签厂家，
我们拥有自己的研发团队，
也可为客户定制开发产品，
并提供OEM服务。

Our positioning is to serve the vast number of distributors,
we have our own r & D team,
can also customize the development of products for customers,
and provide OEM services.



一 公司简介 ABOUT US

江苏科晶智能股份有限公司一直专注于标签的研发及生产，
是一个拥有自己研发团队和实验室的工厂，
专业生产各类磁性软标签，拥有博士级工程师研发团队，
熟知材料及热处理性能，高级磁标签产品工程师对产品专业研发及改良。
同时我们也拥有自己的装备研发团队，
自主研发和制造专用的装备，
达到最好的匹配，最高的精度。

JIANGSU KEJING INTELLIGENT TECHNOLOGY CO.,LTD
has been focusing on the R&D and production of labels,
and is a factory with its own R&D team and laboratory,
We are specialized in the production of various magnetic soft labels,with a PhD engineer r & D team,
familiar with the properties of materials and heat treatment,
senior magnetic label product engineers to product professional r & D and improvement.
At the same time, we also have our own equipment R&D team,
independent research and development and manufacturing of special equipment,
to achieve the best match, the highest accuracy.

HOW TO JUDGE THE MERITS AND DEMERITS OF DR SOFT LABEL

二 如何判断DR软标签的优劣

There are many manufacturers of DR soft labels, and the quality of their products varies.How to judge the quality of DR soft labels has become a compulsory course for buyers. We can start from

DR软标签的生产厂家众多，产品质量良莠不齐，
如何判断DR软标签的质量好坏成了广大买家的必修课。
我们可以从

1、标签性能的一致性 1. Consistency of label performance
2、标签性能的稳定性 2. Stability of label performance
3、标签频点的准确性 3. The accuracy of tag frequency

These three aspects are used to judge the quality of DR soft labels
这三个方面来对DR软标签的质量进行判断

专业的设备
Professional
equipment



详细的数据
Detailed
Data



公平的测试方式
Fair
Testing Methods



轻松对DR标签做出判断
Easy
To Make Judgements On Dr Labels



Label Performance Consistency

1. 标签性能一致性

In the mass production process,
the consistent performance of each label and each batch of labels is the most important indicator for retailers.
声磁标签在大规模的生产过程中，
每一张标签，
每一批标签的性能一致是零售商最关注的指标。

Uneven performance,
the proportion of defective products will greatly affect the damage prevention efficiency.
参差不齐的性能，
次品的比例会在很大程度上影响防损效率。

如何判断DR软标签的优劣

Label Performance Consistency

1. 标签性能一致性

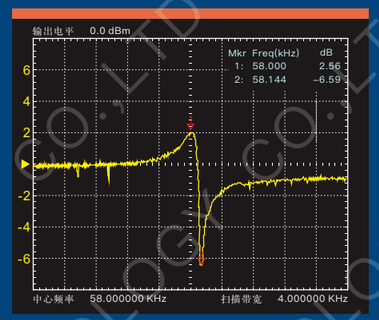
Therefore,
professional equipment is needed to test the frequency point of the label.
The smaller the range of frequency point drift, the better the consistency.
所以需要通过专业的设备来对标签的频点进行测试，
频点飘移的范围越小，一致性越好。

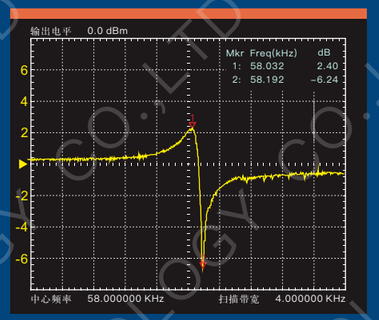
In batch or full-page label testing,
the higher the percentage of labels within this range, the better the consistency.
整批或整版标签测试，
在这个范围内的标签比例越高，
一致性越好。

The original labels are within 300Hz,
and their frequency range is 57.8khz-58.1khz.
原装标签的频飘在300Hz以内，
他们的频飘范围是57.8KHz-58.1KHz。

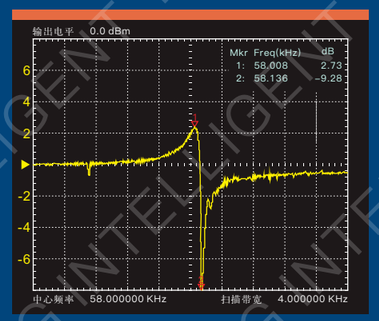
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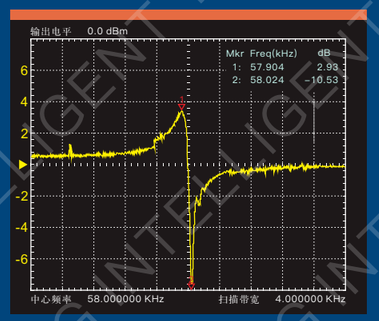
■ Sensormatic label
test data at both ends
原装标签两头测试数据



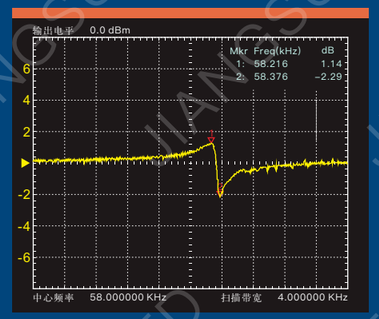


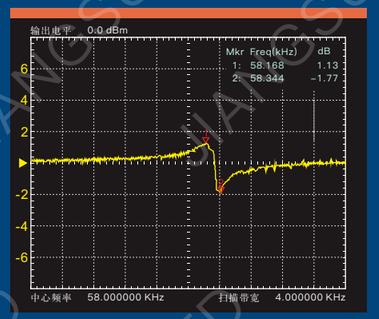
KJ label
test data at both ends
美思科特标签两头测试数据





Other domestic manufacturers label
test data at both ends
国内其他厂家标签两头测试数据





Label Performance Stability
2. 标签性能稳定性

DR labels need to maintain good alarm performance before the long-distance transportation arrives at the cashier desk, and then they will no longer have alarm capability after being demagnetized by special equipment.
So this requires:

DR标签需要在长途运输抵达收银台前保持良好的报警性能，
然后再经过专用设备消磁后不再具备报警能力。
所以这要求：

DR labels should have good anti-attenuation and magnetic properties to ensure that they will not be demagnetized by weak magnetic fields (decoded).

DR标签应该具备良好的抗衰减性及保磁性，
能保证不会被 弱磁场消磁（解码）。

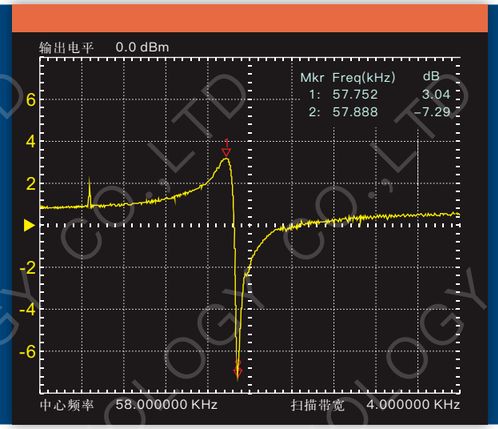
DR label has a good anti-attenuation, will not be in the process of transport, the external magnetic field will be degaussing.

DR标签具备良好的抗衰减性，
不会在运输过程中，
碰到外界磁场就被消磁。

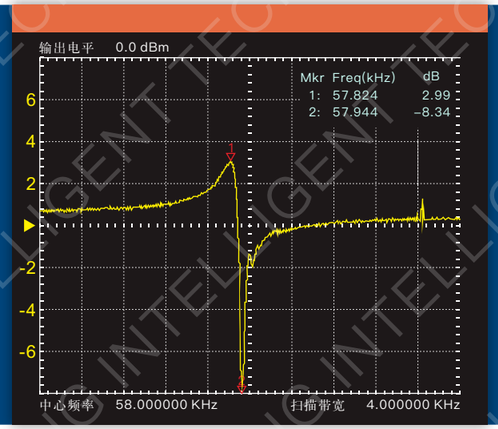
At the same time, it should also have good magnetizing performance. After being demagnetized and arbitrarily magnetized,the frequency range should be consistent with the factory.

同时也要具备良好的充磁性能，在被消磁后，任意充磁后，频点范围与出厂时一致。

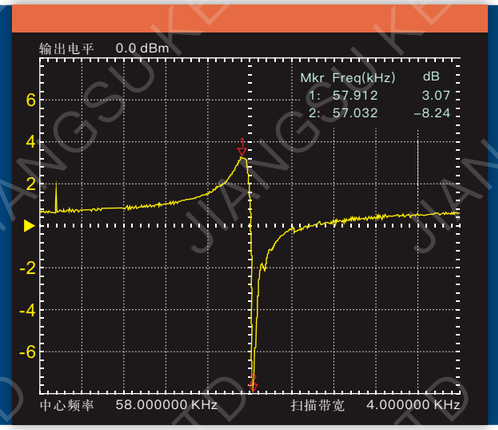
KJ Label Factory Frequency Point
科晶标签
出厂时频点



KJ Label Magnetized By A Weak Magnetic Field
科晶标签
被弱磁场充磁后



KJ Label Magnetized By A Strong Magnetic Field
科晶标签
被强磁场充磁后



Accuracy Of Label Frequency Points
3. 标签频点的准确性

DR标签的标准频点是58KHz，
当标签的频点越接近这个数值的时候，
报警距离越远。
The standard frequency point of DR label is 58KHz，
when the frequency point of the label is closer to this value,
the alarm distance is farther.

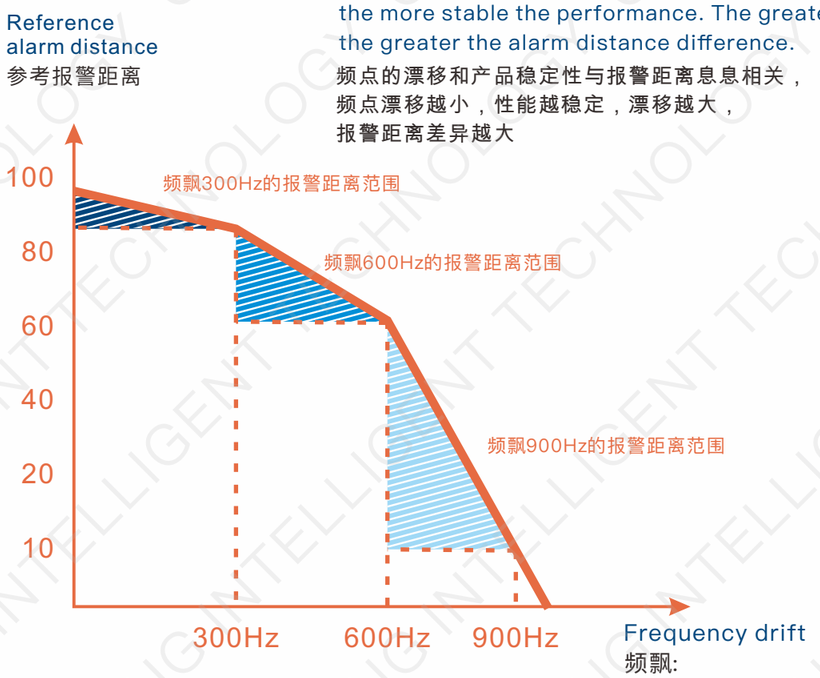
原装标签的频点在57.8KHz-58.1KHz之间。
The frequency point
of the sensormatic label
is between 57.8KHz and 58.1KHz.

通过专业的设备可对标签的频点及波形进行测试，
波形越陡，标签两头的报警性能越好。
The frequency point and waveform
of the label can be tested by professional equipment，
the steeper the waveform,
the better the alarm performance
at both ends of the label.



RELATIONSHIP BETWEEN FREQUENCY DRIFT AND ALARM DISTANCE
三 频飘和报警距离的关系

Frequency drift and stability product are closely related to the alarm distance. The smaller the frequency drift, the more stable the performance. The greater the drift, the greater the alarm distance difference.
频点的漂移和产品稳定性与报警距离息息相关，
频点漂移越小，性能越稳定，漂移越大，
报警距离差异越大



Comparison table of label performance in the current market
目前市场上标签性能能对比表

Model 型号	Reference alarm distance 参考报警距离			Frequency drift 频飘
	60–75cm	40–60cm	10–40cm	
原装标签 sensor	100%			300Hz
科晶 KJ01	100%			300Hz
国内其他厂家 other	70%	30%		600Hz
国内其他厂家 other	30%	45%	25%	900Hz

ADVANTAGES OF MK PRODUCTS
四 科晶产品的优势



Professional production equipment,
better quality control

1.专业的生产装备，品质掌控更好

Our production equipment is independently designed and developed by our professional equipment R&D team. According to our material characteristics and production process, we can make better use of the material characteristics, higher matching degree, more stringent quality control, and more excellent quality.

我们的生产装备均由我们专业的装备研发团队自主设计研发，
根据我们的材料特性及生产工艺定制研发，能将材料特性发挥到更好，
匹配度更高，品质掌控更加严苛，质量更加卓越。



Intelligent fast matching
and consistent performance

2.智能化快速匹配，性能一致

Our company has the first special label performance intelligent matching system in China, which can control the frequency drift of labels within a very small range and quickly match labels, so as to meet the quality requirements of sensormatic labels and achieve the performance they need according to different market demands.

我们公司有国内首创的专门的标签性能智能匹配系统，
可以让标签的频漂控制在很小的范围内，对标签进行快速匹配，
可以达到原装标签的品质要求，也可以根据不同的市场需求，
达到他们所需要的性能。

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Independent development and production of materials,
performance more stable and reliable

3.材料自主研制生产，性能更加稳定可靠

Amorphous film (resonance film) and semi-hard magnetic (bias magnetic film) are independently developed and produced by our company.
During the process of DR label production and matching, the performance of products is precisely adjusted to achieve the most stable and reliable alarm performance

非晶膜片（共振片）和半硬磁（偏磁片）均由我公司自主研制和生产，
在DR标签生产匹配过程中精确调整产品的性能，
以达到最稳定最可靠的报警性能





CLASSIFICATION OF KJ PRODUCTS
五 科晶产品的分类

Based on the performance comparison with the sensormatic label, KJ products are divided into three categories.

根据与原装标签的性能对比，
科晶的产品分为三个大类。 KJ01、KJ02、KJ03

All labels can be customized to this standard.

所有的标签都可以按照这个标准来进行定制。

The following table shows that the alarm distance is a reference value and the frequency point drift is an accurate reflection value

下表例表说明KJ01、KJ02、KJ03与原装标签的性能对比
报警距离为参考值

Type 型号	Reference alarm distance 参考报警距离		
	60–75cm	60-70cm	40-50cm
Sensormatic label 原装标签	100%		
KJ01	100%		
KJ02		100%	
KJ03			100%

The alarm distance here is measured according to the Sensormatic detector alarm distance,
the sensormatic label on the equipment alarm distance is 60-75cm,
the proportion is 100%, the alarm distance is only for reference,
the accurate data is subject to the test frequency value at both end

此处的报警距离是根据Sensormatic的检测仪测试出的报警距离，
原装标签在此设备上的报警距离为60-75cm，比例为100%，
此报警距离仅为参考，精确数据以两头测试频率值为准

PRODUCT INTRODUCTION
六 产品介绍

型号说明：
**：为可选产品型号，
如KJ01-001/KJ02-001





Code型号：KJ**-001
- ●Description/描述：Soft label with DR printing
- ●Dimension/产品尺寸：45*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：108pcs/sheet,5000pcs/box,20000pcs/CTN
- ●Carton size/纸箱尺寸：41.5*29.5*22.2cm
- ●Gross Weight/毛重：12kg



Code型号：KJ**-002
- ●Description/描述：Soft label with barcode printing
- ●Dimension/产品尺寸：45*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：108pcs/sheet,5000pcs/box,20000pcs/CTN
- ●Carton size/纸箱尺寸：41.5*29.5*22.2cm
- ●Gross Weight/毛重：12kg



Code型号：KJ**-003
- ●Description/描述：Soft label with DR +barcode printing
- ●Dimension/产品尺寸：45*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：108pcs/sheet,5000pcs/box,20000pcs/CTN
- ●Carton size/纸箱尺寸：41.5*29.5*22.2cm
- ●Gross Weight/毛重：12kg



Code型号：KJ**-004
- ●Description/描述：Black/White soft label
- ●Dimension/产品尺寸：45*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：108pcs/sheet,5000pcs/box,20000pcs/CTN
- ●Carton size/纸箱尺寸：41.5*29.5*22.2cm
- ●Gross Weight/毛重：12kg



Code型号：KJ**-005
- ●Description/描述：Insert label
- ●Dimension/产品尺寸：50*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：10000pcs/CTN
- ●Carton size/纸箱尺寸：43*30*25cm
- ●Gross Weight/毛重：8kg



Code型号：KJ**-006
- ●Description/描述：Waterproof label
- ●Dimension/产品尺寸：45*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：10000pcs/CTN
- ●Carton size/纸箱尺寸：C43*30*25cm
- ●Gross Weight/毛重：8kg



Code型号：KJ**-007
- ●Description/描述：Microwave oven label
- ●Dimension/产品尺寸：45*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：108pcs/sheet,5000pcs/box,20000pcs/CTN
- ●Carton size/纸箱尺寸：41.5*29.5*22.2cm
- ●Gross Weight/毛重：12kg



Code型号：KJ**-008
- ●Description/描述：Sawtooth label
- ●Dimension/产品尺寸：45*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：108pcs/sheet,5000pcs/box,20000pcs/CTN
- ●Carton size/纸箱尺寸：41.5*29.5*22.2cm
- ●Gross Weight/毛重：12kg



Code型号：KJ**-K009
- ●Description/描述：AM label in roll
- ●Dimension/产品尺寸：45*10.8mm
- ●Frequency/频率：58KHz
- ●Packing details/包装明细：1700pcs/roll or7500pcs/roll

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我们为您提供

①高性价比的产品

为您争取更多更好的订单

②全面的技术支持

让您的销售和服务更加专业。

③优先的开发权利

让您享受快人一步的产品体验。

④免费的产品测试

为您提供更多更全面的数据支撑，快速验证产品性能









We Provide You

① Cost-effective products

Strive for more and better orders for you

②Comprehensive technical support

Make your sales and service more professional.

③Priority development rights

Let you enjoy a quick product experience.

④ Free product testing

Provide you with more comprehensive data support and quickly verify product performance



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