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## 专业微波烘干杀菌设备供应商

Professional Microwave drying and sterilization equipment supplier

山东科弘微波能有限公司  
SHANDONG KEHONG MICROWAVE ENERGY CO.,LTD

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微波能应用技术  
Application of microwave technology



山东科弘微波能有限公司  
SHANDONG KEHONG MICROWAVE ENERGY CO.,LTD



# 简介

KEHONG MICROWAVE

山东科弘微波能有限公司是集科、工、贸为一体，专业从事开发、生产微波能应用设备的高新技术企业。公司成立于2002年，坐落于济南市槐荫区美里湖新生产基地内，占地5000㎡，是国内起步较早，技术积淀比较成熟的微波设备公司，也是目前国内生产规模最大的、技术力量雄厚、产品门类齐全、行业内领先的微波能设备专业生产厂家。公司连续八年被评为“济南市守合同重信用企业”，2006年被中国中轻产品质量监督中心授予“优质推广产品”，2007年荣获“济南名牌”，2008年荣获“山东省著名商标”。

本公司采用世界先进技术按GMP、FDA标准，制造国内新一代“科弘”（KH）品牌915MHz、2450MHz大功率40多种型号，规格齐全的微波能应用设备，为国内外食品、医药、化工、冶金等多个行业提供技术先进、质量可靠的微波能应用设备。其主要技术指标居于国际先进水平，公司先后与山东大学、大连理工、辽宁大学、辽宁大学等高校合作，实现成果转化项目，与山东轻工职业学院长期合作成立“产学研基地”，合作共建。主要产品有：微波食品干燥、杀菌设备；微波干燥设备；微波化工产品加热干燥设备；农副产品保鲜设备；中成药品微波干燥设备；微波烘焙设备；微波实验炉等。承接各种应用实验，中试放大生产全方位技术服务。

本着“创新、严谨、务实、高效”的科弘精神，汇集海内外一流人才和精英，依靠雄厚的技术实力，完备的检测手段，科学的管理，优良的质量体系确保真正的“质量第一，客户至上”。在产品前用户的产品质量工艺要求，共同进行应用实验的基础上，进而做出周密计划，提供具体实施方案，取得用户共识后精工制造，负责产品安装、调试、培训、运行三包，保修一年终身技术服务。

公司成立以来，产品销售已遍布中国各省市并出口俄罗斯、韩国、马来西亚、土耳其、南非、加拿大等国家和地区，设备深得客户的信赖和赞誉。

科弘微波能有限公司诚挚欢迎海内外新老朋友惠顾、考察、洽谈。  
Shandong Kehong Microwave Energy Co., Ltd. is a hi-tech enterprises that is engaged in professional development, producing and selling on microwave energy applying equipments, which is the biggest scale microwave energy equipments manufacturer in China now.

Adopting world-advanced techniques and according to GMP and FDA standard we manufacture the local new generation “Kehong” (KH) brand 915 MHz and 2450 MHz two big series and more than 40 species talented person and elite, depending on strong technique strength, completed examination means, science management and good quality-protecting system, we insure real “Quantity is first and customer is supreme”. According to product quantity craft request of the customer before producing, carrying together on applied experiment foundation, then do a careful and attentive design, providing concrete implement project, manufacturing perfectly after obtaining the customer consensus. Be responsible for product installing, trying and training and implement “Three guarantees”: free maintain of one year and forever technique service.

Since the founding of the company, product sales have been all over the various provinces and cities nationwide and exported to Russia, Korea, Malaysia, Turkey, South Africa, Canada and other countries and regions, our equipment won the trust and praise of customers.

## 微波加热原理 The principle of microwave heating

微波加热从300MHz—300GHz的电磁波，其方向和大小随时间周期性变化。微波与物质直接作用，将超高频电磁波转化为热能的过程即为微波加热过程。水是通过吸收微波的物质，物料中的水分子是极性分子，在微波作用下，其极性取向随着外电场的变化而变化。915MHz的微波使水分子每秒运动约10亿次，致使分子急剧摩擦、碰撞，使物料产生热并由此而达到微波加热的目的。

Microwave heating is electromagnetic waves of 300 MHz—300 GHz. The water in medium materials heated is polar molecules, under the effect of the rapid change of electromagnetic field, its polarity orientation will alter with the changes of the external electric field with the high-speed, causing the movement and friction of molecule. So that the microwave field energy can be converted to heat energy in medium to raise the temperature of materials. Then materials heated go to produce heat, puffing and a series of physical and chemical processes, and so, microwave heating achieved.

## 微波杀菌机理 Principle of Microwave machine sterilization

微波杀菌是微波的热效应和生物效应共同作用的结果。微波对细菌的热效应是使蛋白质变性，使细菌失去营养、繁殖和生存的条件而死亡。生物效应是微波电场改变细胞膜的电荷分布，影响细胞周围电子和离子浓度，从而改变细胞膜的通透性，细菌因此营养不良，不能正常新陈代谢，细胞结构功能紊乱，生长发育受到抑制而死亡。此外，决定细菌正常生长和稳定遗传繁殖的核酸（DNA）和脱氧核糖核酸（DNA），是由若干磷酸基团连接而成的卷曲环状大分子，足够的微波场可以导致核酸松散、断裂和重组，从而诱发遗传变异突变，或染色体断裂、甚至断裂。

Microwave sterilization utilizes the result of combined action of the thermal effects of and biological effects of electromagnetic fields. Microwave thermal effect on the bacteria is to make the protein of bacteria denatured, but their nutrition, reproduction and survival conditions down to be dead. Microwave on the biological effects of the bacteria is that the microwave electric field changes cross-section of potential distribution of the bacterial cell membrane and impacts the concentration of ion and electron around the membrane, which can change the permeability of cell membranes, therefore make bacteria nutrient not be normal metabolism. The structure of bacterial disorders, and growth is inhibited to be dead. Moreover, nucleic acid genetic (DNA) and deoxyribonucleic acid (DNA), which decide the normal growth and stability of bacterial is curly-shaped macromolecule that made of a number of linked complex hydrogen bond. The microwave can be strong enough to make hydrogen bond slack, ruptured and recombined, which induce genetics to be mutational chromosome to be distorted or even broken.

## 微波加热主要特点 Main features of microwave heating

### ① 加热迅速 Rapid heating

微波加热与传统的加热方式不同，不需热传导过程，它是使被加热物料本身成为加热带，因此即使是热传导性较差的物料，也可以在极短的时间内达到加热温度。

Microwave heating and conventional heating methods are totally different. Microwave heating do not need the process of heat conduction which make the material heated itself become a heating unit. Therefore, the materials of poorer heat conduction can also be to reach the heating temperature in a very short period.

### ② 加热均匀 Symmetrical heating

无论物体各部位形状如何，它是使物料表里里同时均匀透电磁波而产生热能，不受物体形状限制，所以加热更均匀，不会出现外焦内生现象。

No matter what the shape of each part of objects is, microwave heating is the object that make the electromagnetic waves infiltrating to the exterior and interior of the material heated symmetrically at the same time to produce heat energy. Because of no restrictions on the shape of material heated, there are materials that is even heated and no adjust outside or unheated inside.

### ③ 节能环保 Energy saving and efficient

由于含有水份的物料极易吸收微波而发热，因此，微少量物料传输损耗外几乎无其它损耗。微波加热与远红外加热相比，节能约1/3以上。

The material containing water is easy to absorb microwave heat, therefore there is no other heat loss besides a small amount of transmission loss. So higher thermal efficiency and more energy saving, which is heating energy-saving 1 / 3 over than the far-infrared heating.

### ④ 防腐、杀菌 Disinfection, sterilization, preserving

微波加热具有热效应和生物效应，因此，能在较低温度下杀死细菌和细菌。传统加热方式加热时间长，造成营养成分损失较大，而微波加热迅速，能最大限度地保存物料的活性和食品中的营养成分。

Microwave heating with thermal and biological effects can sterilize and resist under lower temperatures. As the heating speed is faster and time is shorter, the microwave heating can reserve the activity and the vitamins in material heated further, and the original color and nutrients.

### ⑤ 工艺先进，易控制 Advanced control and easily controlled

只要控制微波功率即可实现加热或终止，应用PLC人机界面可进行加热加工工艺过程规范的可编程自动化控制，它有完善的传统系统，可确保连续化生产，节省劳力。

As long as you control the microwave power, you can realize heat and termination immediately. Because of application of human-computer interface face PLC, you can control heating process and heating norms automatically through programming.

### ⑥ 安全无害 Safety and innocuity

微波是在控制在金属制成的加热室内工作，微波泄漏极有效抑制，不存在放射线危害及有毒气体的排放，不产生余热和粉尘污染，极不污染实物也不污染环境。

The microwave heating work in the heating-room and the waagside pipe made of metal, which can prevent the leakage of the microwave, radioactively harmful and discharge of harmful gas. There is no waste heat and dust pollution, so microwave heating neither contaminates food nor pollute the environment.

## KH-HPTN系列微波食品烘干杀菌设备

Microwave drying and sterilization equipment for food

### 适用范围 Application

适用于方便面、米粉、面条等方便食品，牛肉干、肉脯、鱼干、豆制品等休闲食品及脱水蔬菜、蘑菇、山野菜、坚果等得烘干、熟化及杀菌。

Applicable for instant noodles, rice, noodles and other convenience foods, beef jerky, dried meat, fish, soy products and other snack foods and dehydrated vegetables, mushroom, mountain vegetables, nuts, curing, drying and sterilization.

### 性能特点 Features

- > 隧道式结构，连续进出料，快速烘干、杀菌
- > 低温杀菌，杀菌温度仅需65-85℃，杀菌时长仅3-5min
- > PLC程序控制，温度、功率、传动速度自由调节
- > 可对包装后食品进行杀菌，不破坏物料的营养成分

The tunnel structure, continuous feeding and discharging, fast drying and sterilization

Low temperature sterilization, sterilization temperature is only 65-85℃, sterilization time only 3-5min

PLC and touch screen control, temperature, power and transmission speed is adjustable easily

For packaging food sterilization, does not destroy the nutrient component of material



### 技术参数 Specification

电源(Power) 380±10V 50Hz微波频率(Microwave frequency) 2450±50MHz

型号 Model	输入功率 Power input (kVA)	输出功率 Power output (kw)	脱水量 Dehydrate (Kg/h)	杀菌量 Sterilization (Kg/h)	传动速率 Transmission (m/min)	外形尺寸 长宽高 Size L×W×H (mm)
H-6HPTN2	10	6	6	30~50	0~5	5900×710×2000
H-12HPTN3	18	12	12	100~120	0~5	7000×810×2000
H-20HPTN6	30	20	20	180~200	0~5	10100×960×2000
H-30HPTN6	45	30	30	250~300	0~5	10100×960×2000
H-60HPTN8	96	60	60	500~600	0~5	13100×1300×2000
H-100HPTN12	160	100	100	≥1000	0~5	18000×12000×2000

## KH-HPQN(E)系列微波液体杀菌(萃取)设备

Microwave sterilization equipment (extraction) for liquid

### 适用范围 Application

适用于饮料、液体营养品、保健酒类、口服液、液体药品等杀菌

Applicable for beverage, liquid nutriment, nutritional health liquor, oral solution, liquid drugs and so on sterilization

### 性能特点 Features

> 即可进行灌装前的杀菌，也可用于灌装后的成品杀菌

> 杀菌温度仅需80℃左右，杀菌时间短，不影响物料成分

> PLC程序控制，温度、功率、传动速度、流量自由调节

Can be used for liquid sterilization before packed and after packed

The sterilization temperature is only 80℃, short processing time, does not damage the material composition

PLC and touch screen control, temperature, power transmission speed and flow rate is adjustable easily



### 技术参数 Specification

电源(Power) 380±10V 50Hz微波频率(Microwave frequency) 2450±50MHz

型号 Model	输入功率 Power input (kVA)	输出功率 Power output (kw)	杀菌量 Sterilization (Kg/h)	传动速率 Transmission (m/min)	外形尺寸 长宽高 Size L×W×H (mm)
KH-10HPQE	15	10	100~120	/	1300×1170×2000
KH-20HPQE	30	20	180~200	/	1500×1170×2000
KH-30HPQN	45	30	250~300	0~5	10100×960×2000
KH-60HPQN	84	60	500~600	0~5	13100×1300×2000
KH-100HPQN12	160	100	≥1000	0~5	18000×12000×2000

### KH-HPTN系列微波调味品（食品添加剂）烘干杀菌设备

Microwave drying and sterilization equipment for spices ( food additives)

#### 适用范围 Application

适用于花椒、大料、辣椒等的调味品粉末、颗粒、各种调味品浸膏及各种食品添加剂的烘干杀菌

Applicable for pepper, aniseed, chilli and other spices powder, granules, various spices extract and various food additives drying and sterilization



### KH-HPTN系列微波中药干燥杀菌设备

Microwave drying and sterilization equipment for Chinese traditional medicine

#### 适用范围 Application

适用于中草药、中药饮片、水丸、蜜丸、水蜜丸及中药浸膏的烘干杀菌

Applicable for Chinese herbal medicine, Chinese herbal pieces, pills and traditional Chinese medicine extract drying and sterilization



#### 技术参数 Specification

电源(Power) 380±10V 50Hz微波频率(Microwave frequency) 2450±50MHz

型号 Model	输入功率 Power input (kVA)	输出功率 Power output (kw)	脱水量 Dehydrate (Kg/h)	杀菌量 Sterilization (Kg/h)	传动速率 Transmission (m/min)	外形尺寸 长宽高 Size L×W×H (mm)
H-6HPTN2	10	6	6	30~50	0~5	5900×710×2000
H-12HPTN3	18	12	12	100~120	0~5	7000×810×2000
H-20HPTN6	30	20	20	180~200	0~5	10100×960×2000
H-30HPTN6	45	30	30	250~300	0~5	10100×960×2000
H-60HPTN8	96	60	60	500~600	0~5	13100×1300×2000
H-100HPTN12	160	100	100	≥1000	0~5	18000×12000×2000

### KH-HPTN系列微波化工产品烘干设备

microwave drying equipment for chemical products

#### 适用范围 Application

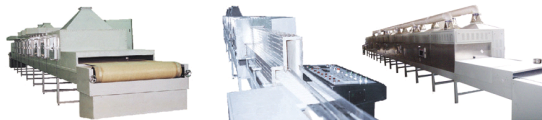
适用于石棉板、瓦楞纸板、过滤陶瓷、合成材料、高分子材料及各种化工粉体的加热和干燥。

Applicable for the asbestos board, corrugated board, ceramic filters, synthetic materials, polymer materials and a variety of chemical powder heating and drying.

#### 性能特点 Features

相对于传统由外而内的热传导干燥方式，微波烘干能够快速有效脱出物料内部水分，能将物料水分脱到0.5%以下，甚至无水。

Compared with the traditional heat conduction way which external to internal of drying, microwave drying can quickly and effectively dehydrate, Moisture content can be controlled under 0.5%, even anhydrous.



#### 技术参数 Specification

电源(Power) 380±10V 50Hz微波频率(Microwave frequency) 2450±50MHz

型号 Model	输入功率 Power input (kVA)	输出功率 Power output (kw)	脱水量 Dehydrate (Kg/h)	杀菌量 Sterilization (Kg/h)	传动速率 Transmission (m/min)	外形尺寸 长宽高 Size L×W×H (mm)
H-20HPTN6	15	10	12	120	0~5	10100×810×2000
H-30HMTN6	30	20	20	200	0~5	10100×960×2000
H-40HMTN6	45	30	30	300	0~5	10100×1200×2000
H-60HPTN8	84	60	60	600	0~5	13100×1300×2000
H-100HPTN12	160	100	100	≥1000	0~5	18000×12000×2000

### KH-GMTN系列微波解冻设备 Microwave thawing equipment

#### 适用范围: Application

适用于鱼类、肉类等冷冻产品的加工前解冻。  
Applicable for fish, meat and other frozen products thawing

#### 性能特点 Features

> 隧道式结构, 连续进出料, 快速解冻  
> 解冻不化冻, 物料温度保持在 $-4\sim 0^{\circ}\text{C}$ , 便于切割加工  
The tunnel structure, continuous feeding and discharging, fast thawing  
The temperature of materials maintains  $-4\sim 0^{\circ}\text{C}$  after thawing, convenient for cutting



#### 技术参数 Specification

电源(Power)  $380\pm 10\text{V}$  50Hz微波频率(Microwave frequency)  $915\pm 50\text{MHz}$

型号 Model	输入功率 Power input (kVA)	输出功率 Power output (kw)	解冻量 Thawing (Kg/h)	传动速率 Transmission (m/min)	外形尺寸 长宽高 Size L×W×H (mm)
KH-20GMTN2	42	20	500	0~5	8100×900×2000
KH-40GMTN3	85	40	1000	0~5	11100×900×2000

### KH-HMOA微波实验设备系列 Microwave experimental equipment

#### 适用范围: Application

适用于高校及科研院所等科研机构的实验设备, 精确参数控制, 是微波应用研究的理想设备, 已为国内众多知名高校提供了多种用途的微波实验设备。

Applicable for universities and research institutes of scientific research institutions such as laboratory equipment, precision parameter control, is the ideal equipment, has many well-known domestic colleges and universities to provide a variety of uses microwave experiment equipment.



微波试验箱  
microwave test-oven



箱式微波炉  
industrial microwave oven



微波烧结炉  
Microwave sintering

#### 参数(Parameter):

电源(Power)  $380\pm 10\text{V}$  50Hz 微波频率(Microwave frequency)  $2450\pm 50\text{MHz}$

型号 Model	输入功率 Power input (kVA)	输出功率 Power output (kw)	加热温度 Heat temperature ( $^{\circ}\text{C}$ )	转盘转速 Turnplate V. r/min	外形尺寸 长宽高 Size L×W×H (mm)
KH-3HMOA	5	3	80~1700	8	900×800×1100
KH-9HMON	9	14	70~120	8	900×800×1800
KH-12HMON	15	10	70~120	/	1500×1200×2000

### 设备应用 Microwave application



中药食品浸膏烘干  
Extractum drying



包装食品杀菌  
Packaging food sterilization



快餐盒饭杀菌  
Fast food sterilization



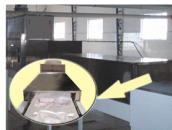
辣椒粉烘干杀菌  
Chili powder drying and sterilization



玫瑰花金银花烘干  
Honeysuckle and rose drying



牛肉干杀菌  
Beef jerky drying and sterilization



微波解冻  
Microwave thawing



连续微波烧结  
Continuous microwave sintering



微波烘干黄粉虫  
Microwave drying of TetraBiol molitor



方便食品烘干杀菌  
Convenience food drying and sterilization



微波瓦楞纸烘干  
Microwave drying of corrugated paper



阿胶微波烘干房  
Microwave drying room for donkey-hide gelatin

微波应用范围  
Application scope

序号 No.	型号 model	主要用途 Main use
1	KH-6HMTN2	微波干燥杀菌机 <b>microwave drying and sterilization machine</b>
2	KH-12HMTN3	用于粉状、颗粒状、片状或胶体状等的食品、添加剂、调味品、药品、中草药材原料、营养保健品、农副土特产品、非油炸(或节油)方便面、面条、米粉、豆制品、牛肉干、肉脯、鱼干、茶叶、烟草等的干燥、杀菌;杏仁、桃仁、花生仁、板栗等的干燥脱皮、焙烤;休闲食品、薯片、土豆片、虾片、鱼肚等的膨化;口服液、酱菜、各种小包装食品防腐、杀菌保鲜;冷冻鱼、肉禽的“回温”解冻;大豆干燥脱脂;冶金化工产品的干燥、脱酸、还原,如草酸钴、硫酸镍、仲钨酸铵、氮氧化亚、硫酸铜、铁芯、磁芯、磁芯滤波器、磁板、磁盘、蜂窝陶瓷、石膏制品等的干燥;印染、陶瓷、碳纤维、化纤、棉沙、木材、皮革、竹制品、绝缘材料、建筑材料、木材、软木塞、蜂窝纸板制品、瓦楞纸板等工业产品的干燥。
5	KH-30HMTN6	For dry sterilization of powdered, granular, food of sheet-like or gel-like, and other food additives, medicine flavoring, herbal medicine raw materials, nutritional health products, agricultural & sideline products, non-fried (or oil-saving) instant noodles, noodles, rice noodles, soy products, beef jerky, Roufu, dried fish, tea, tobacco and so on; dry peeling and baking almond, peach kernel, groundnut kernels, chestnut and so on; puffing of leisure food, potato chips, potato chips, Xiapian, fish maw and so on; oral solution, pickles, a variety of small food mold, the preservation of sterilization; frozen fish, poultry was "warmed" to thaw; fishy from dry beans; metallurgical products, chemical drying, desulfurization, restore, such as grass Cobalt, sulfur powder, ammonium ammonia acid, nickel hydroxide, copper, iron core, core and magnetic resonance flow, magnetic boards, disk, cellular ceramic, plaster products, such as the dry; printing and dyeing, ceramics, glass, Chemical fiber, cotton sand, wood, leather, bamboo products, insulation materials, building materials, wood, cork, honeycomb products, corrugated cardboard such as industrial products drying.
6	KH-40HMTN8	
7	KH-60HMTN8	
8	KH-80HPTN10	
9	KH-100HPTN12	
10	KH-16HPTN4	最新微波(复合式)药丸干燥杀菌机药 <b>Microwave machine for medicine dry and sterilization</b>
11	KH-30HPTN6	用于水丸、蜜丸、水蜜丸及浓缩丸等丸剂的干燥杀菌,该设备符合 GMP 生产要求、可进行 PLC、人机界面自动控制,并设置温控、监控。
12	KH-60HPTN8	For water pills, such as the Pill and dry sterilization, the production equipment in line with the GMP requirements can be PLC, HMI automation, and set the temperature control, monitoring.
13	KH-10HMLN3	最新微波(组合式)果蔬脱水设备 <b>microwave machine (modular) for dehydrating fruits and vegetables</b>
18	KH-20HMLN4	采用不同技术、设备进行分阶段脱水,产品质量可与冻干工艺相媲美,而设备投资、生产成本仅为其九分之一。
19	KH-40HMLN6	Adopting different technology, equipment to carry out a phased dehydration. Product quality can be comparable with the freeze-dried process, and equipment investment, production costs only a fraction of its.
20	KH-80HMLN8	

21	KH-20GMTN2	微波解冻设备 <b>Microwave thawing machine</b>
22	KH-30GMTN3	用于冷冻肉类、鱼类、海鲜产品的解冻,解冻后温度4-0℃,便于切割加工。 For frozen meat, fish, seafood products thawing, the temperature is 4-0℃, cutting conveniently
23	KH-10HMON	微波液体杀菌机 <b>Microwave sterilization machine for liquid</b>
24	KH-20HPQN	用于中西食品饮料、营养液保健品、食品饮料、调味品的杀菌、保鲜,白酒陈酿老熟。 Chinese and Western medicines used to drink aging, nutrition health care products, food and beverage, sterilization of spices, fresh, white wine and cooked to urge Chen Lao
25	KH-4HMPN	微波压力杀菌机 <b>Microwave sterilization machine with pressure</b>
26	KH-6HMPN	用于小包装休闲食品、药品、塑料包装、纸包装的豆制品、牛奶及饮料等(防炸袋)加压灭菌。 for sack foods, medicines, soy milk with plastic containers or paper packaging, and milk drinks (Anti-fried bag) pressure sterilization.
27	KH-4HMQE	微波提取(萃取)机 <b>Microwave extraction machine</b>
28	KH-6HMQE	用于花生、黄豆、天麻、当归、芝麻、薄荷、海带、人参、灵芝、芥菜籽等的微波提取或萃取。
29	KH-10HMQE2	For peanuts, soybeans, Triama, angelica, sesame seeds, mint, kelp, ginseng, Ganoderma lucidum, such as shepherd's purse seed extract or microwave extraction.
30	KH-3HMOA	微波烧结(工业微波炉) <b>Microwave sintering machine (industrial microwave oven)</b>
31	KH-5HMOA	用于烧结钴酸锂、三氧化二铟、铁氧体、锆氧体、石墨炭、高品质的结构陶瓷;氮化硅、碳化硅、氧化铝、氮化铝、氧化锆;以及用于烧结电子陶瓷及器件;PZT 压电陶瓷、PCZT、氧化铍压电陶瓷等。
32	KH-8HMOA	For sintering for lithium cobalt, tungsten trioxide, ferrite, activated carbon, gypsum products, high-quality ceramic structure: silicon oxide, silicon carbide, alumina, aluminum nitride, and zirconia; as well as for sintering ceramics and electronics Device: PZT piezoelectric ceramic, PCZT, zinc oxide varistors, and so on.
33	KH-20PMOA	
34	KH-4HMVN	微波真空(或真空冷冻)干燥机 <b>Microwave machine for drying in vacuum</b>
35	KH-6HMVN	
36	KH-10HMVN	用于食品、果蔬类的脱水、膨化,中草药的微波真空提取、萃取及科研院校的实验室设备。
37	KH-20GMVN	For food, dehydration of vegetables and fruit, puffing, the microwave vacuum extraction of Chinese herbal medicine, laboratory equipment of scientific research institutions.
38	KH-24HMSN	新式微波烘茧机 <b>New style microwave machine for cocoon drying</b>
39	KH-40HMSN	用于蚕茧干燥,不用烧煤、无需添温、干燥迅速、节省劳力,无污染、鲜茧率提高7%以上,净度提高1%,鲜茧增值1.2元/公斤。
40	KH-40HMSN	For swallowing dry cocoon. No coal, no need to cocoon cool, dry rapidly and labor-saving and pollution-free, reliability percentage to increase the rate of 7% over, the net increased 1%, value-added ¥1.2 yuan / kg
40	频率为 2450±50MHz、915±25MHz 各种规格、型号、用途的微波发生器、波导、弯头、激励器、水负载、环流器等微波元器件。 Microwave components: the microwave generator of frequency of 2450 ± 50MHz, 915 ± 25MHz and a variety of specifications, models, use, waveguide, bend, actuators, water load, loop and so on.	