

实验室整体解决方案

The overall solutions of the laboratory



M A H O O R

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专注陶瓷实验室设备研发和生产

Specialized in R&D and production for ceramic laboratory equipments



企业简介 ENTERPRISE PROFILE

佛山市科信化工仪器有限公司是一家专业从事陶瓷及非金属材料实验设备研发、制造、销售的高科技企业，坐落于中国陶瓷名镇——佛山。

公司一直致力于实验仪器的研发创新及整合优化，为客户提供更方便，更迅捷，更可靠的测试及实验设备，有效的为使用企业降低采购成本，降低生产成本，提高产品合格率，产品遍及全国，享有美誉！

公司秉承“诚信为本，质量为先，产品创新，完善售后”的服务理念，严格按国家相关标准控制质量。

FO Shan KeXin Chemical Instrument CO.,LTD. Is specialized in ceramic and nonmetallic material experiment equipment research and development, manufacture and sales of high-tech enterprises, located in ceramic town —— foshan.

Company has been committed to the research and development innovation and integration of optimization of experimental apparatus, to provide customers with more convenient, faster, more reliable testing and experiment equipment, effectively reduce the purchasing cost for the use of enterprises, reduce the production cost, improve the qualified rate of products, products throughout the country, enjoys a good reputation!

Adhering to the service concept of "integrity, quality first, product innovation, perfect after sale", the company strictly controls the quality according to relevant national standards.



DHF系列多元素快速分析仪

DHF MULTI-ELEMENT RAPID ANALYZER

DHF系列多元素快速分析是采用同一元素多通道显色检测技术。确保检测不同含量的检测灵敏度，减少检测误差。特别适用于陶瓷、耐火材料、水泥、玻璃、地质、非金属矿产及有色金属等行业中对高硅高铝样品、高钙高镁样品、特种材料中高含量样品、样品中微量元素的快速定量检测。

DHF series Multi-element rapid analysis uses the same element multi-channel color detection technology. Ensure detection of different levels of detection sensitivity and reduce detection errors. Particularly suitable for rapid quantitative detection of trace elements in high-silicon high-aluminum samples, high-calcium and high-magnesium samples, special materials, high-content samples, and samples in industries such as ceramics, refractory materials, cement, glass, geology, non-metallic minerals, and non-ferrous metals.



主要技术参数 / MAIN TECHNICAL PARAMETERS

DHF83				DHF86			
SiO ₂	0.01~99.9%	Al ₂ O ₃	0.01~99.9%	SiO ₂	0.2~99%	Al ₂ O ₃	0.2~99%
Fe ₂ O ₃	0.01~99.9%	TiO ₂	0.01~99.9%	Fe ₂ O ₃	0.1~99%	TiO ₂	0.1~99%
K ₂ O	0.01~15%	Na ₂ O	0.01~15%	K ₂ O	0.1~15%	Na ₂ O	0.1~15%
CaO	0.01~99.9%	MgO	0.01~99.9%	CaO	0.1~99%	MgO	0.1~99%
B ₂ O ₃	0.01~30%	ZrO ₂	0.01~99.9%	B ₂ O ₃	0.1~30%	ZrO ₂	0.1~99%
Li ₂ O	0.01~15%	SnO	0.01~99.9%	Li ₂ O	0.1~15%	SnO	0.1~99%
PbO	0.01~99.9%	ZnO	0.01~99.9%	PbO	0.1~99%	ZnO	0.1~99%
MnO	0.01~99.9%	Cr ₂ O ₃	0.01~15%	MnO	0.1~15%	Cr ₂ O ₃	0.1~15%
BaO	0.01~10%	NiO	0.01~99.9%	BaO	0.1~10%	NiO	0.1~15%
CoO	0.01~99.9%	P ₂ O ₅	0.01~30%	CoO	0.1~10%	P ₂ O ₅	0.1~30%
MgO ₃	0.01~99.9%	WO ₃ O	0.01~99.9%				
V ₂ O ₅	0.01~99.9%	CuO	0.01~60%				
体积 Size	①分析仪主机Analyzer Host Size : 400*390*310mm		②计算机主机ComputerHostSize : 450*200*380mm				
净重 Net Weight(KG)	①Analyzer host weight:13KG		②ComputerHost weight:10KG				

注：如有特殊需要，其中部分元素组分含量测量下限可扩展到0.001%。
For special needs, the lower limit of the content of some elemental components can be expanded to 0.001%.



KY-YZ 电动液压制样机

KY-YZ ELECTRIC HYDRAULIC SYSTEM PROTOTYPE

KY-YZ型电动液压制样机是一种操作简单、维护方便、使用安全的制样设备，适用于陶瓷、建材、化工、医药等行业的实验室，配上各种模具及配件，具有一机多用的作用；使用安全，泵内装有限压阀，当压力超过额定压力时能自动回油；体积小，重量轻；采用双级泵，空行程时，排油量小，行程速度快，工作行程时，排油量小，压力高。

KY-YZ Electric hydraulic system prototype is a kind of sample preparation equipment that is simple to operate, easy to maintain, and safe to use. It is suitable for laboratories in ceramics, building materials, Chemicals, pharmaceuticals and other industries. It is equipped with various molds and accessories with Multi-purpose function; the use of safety, pump built-in pressure limiting valve, when the pressure Exceeds the rated pressure it can automatically return to oil; small size, light weight; dual-stage pump, When it is in empty stroke, large oil discharge, stroke speed, when it is in work stroke, the oil discharge is small, the pressure is high.

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	KY-35T	KY-60T	KY-100T
最大载荷 Maximum working	35T	60T	100T
最大工作压力 Maximum working pressure	25MPa	25MPa	25MPa
工作尺寸 Work size	120X80mm	200X200mm	300X300mm
最大行程 Maximum travel	125mm	125mm	125mm
用油品种 (客户自备) Variety of oil(User self provided)	60-150号机械油 60-150 mechanical oil		
布料方式 Cloth mode	手动布料 自动脱模 Manual cloth automatic ejection		
体积 Size(mm)	720×460×1240	900×580×1400	1020×680×1470
净重 Net weight(KG)	450KG	650KG	850KG

M A H O O B

KY-DY 电动液压制样机 (一键启动)

KY-DY ELECTRIC HYDRAULIC SYSTEM PROTOTYPE (ONE CLICK START)

KY-DY型电动液压制样机是一种操作简单、维护方便、使用安全的制样设备，适用于陶瓷、建材、化工、医药等行业的实验室。配上各种模具及配件，具有一机多用的作用；体积小，重量轻；可实现自动布料，数显仪表控制压制压力；可对压制时间精准控制，更接近实际生产需求；PLC程序控制，操作性好，并可设定更多工艺试验方案。采用高精密度红外线传感器，具有防夹压功能。

KY-DY Electric hydraulic system prototype (One click Start) is a kind of sample preparation equipment which is easy to Operate, easy to maintain and safe to use. It is suitable for laboratories in industries such as ceramics, Building materials, chemicals and pharmaceuticals. It is equipped with a variety of molds and accessories. With a multi-purpose machine; small size, light weight; it can achieve automatic fabric, digital display Pressure control; it can accurately control the press time, closer to the actual production needs; plc Program control, good operability, and can set more process test programs. high precision infrared sensor With anti pinch function.



主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	KY-DY-35Q	KY-DY-60Q	KY-DY-100Q
最大载荷 Maximum working	35T	60T	100T
工作电压/功率 Working voltage/power	380V3KW		
最大工作压力 Maximum working pressure	25MPa	25MPa	25MPa
标配模具尺寸 Standard mold size	120X80mm (可定制customizable)		
最大行程 Maximum travel	125mm		
用油品种 (客户自备) Variety of oil(User self provided)	60-150号机械油/60-150Machinery oil		
布料方式 Cloth mode	手动布料、自动脱模 /Automatic cloth automatic ejection		
体积 Size(mm)	720×460×1250	900×580×1420	1020×680×1480
净重 Net weight(KG)	460KG	660KG	880KG



KY-DY电动液压制样机（半自动）

KY-DY ELECTRIC HYDRAULIC SYSTEM PROTOTYPE (SEMI-AUTOMATIC)

KY-DY型电动液压制样机是一种操作简单、维护方便、使用安全的制样设备，适用于陶瓷、建材、化工、医药等行业的实验室，配上各种模具及附件，具有一机多用的作用；体积小，重量轻；220V电压供电使用，适合用性强。

KY-DY electric hydraulic system prototype (semi-automatic) is a kind of sample preparation equipment which is easy to operate, easy to maintain and safe to use. It is suitable for laboratories of ceramics, building materials, chemical industry, medicine and other industries. It is equipped with various molds and accessories. Multi-purpose role; small size, light weight; 220V voltage power supply.

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	KY-DY-35T	KY-DY-60T	KY-DY-100T
最大载荷 Maximum load	35T	60T	100T
最大工作压力 Maximum working pressure	63MPa	63MPa	63MPa
工作尺寸 Work size	120X100mm	200X200mm	300X300mm
最大行程 Maximum travel	125mm	125mm	125mm
用油品种 (客户自备) Variety of oil (User self provided)	60-150号机械油 / 60-150 Machinery oil		
工作电压/功率 Working voltage/ power	220v 1.5kw		
体积 Size(mm)	750×510×1010	780×550×1100	830×600×1150
净重 Net weight(KG)	260KG	280KG	330KG



KY-S手动式液压制样机

KY-S MANUAL HYDRAULIC SAMPLER

KY-S型手动液压制样机是一种操作简单、维护方便、使用安全的制样设备，适用于陶瓷、建材、化工、医药等行业的实验室配上各种模具及附件，具有一机多用的作用；体积小，重量轻；

KY-S manual hydraulic sampler is a kind of sample preparation equipment which is easy to operate, easy to maintain and safe to use. It is suitable for laboratories in ceramics, building materials, chemicals, pharmaceuticals and other industries, and is equipped with various molds and accessories. It is a multi-purpose machine. Small size and light weight;

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	KY-S10	KY-S32	KY-S50	KY-S10P	KY-S32P	KY-S50P
最大载荷 Maximum load	10T	32T	50T	10T	32T	50T
最大工作压力 Maximum working pressure	45MPa	60MPa	60MPa	45MPa	60MPa	60MPa
工作尺寸 Work size	180X160mm	200X200mm	200X200mm	180X160mm	200X200mm	200X200mm
最大行程 Maximum travel	125mm	125mm	125mm	125mm	125mm	125mm
用油品种 Variety of oil	10号机械油 / 10 Machinery oil			10号机械油 / 10 Machinery oil		
中心定位 Center positioning	无			有		
体积 Size(mm)	210x180x450	280x280x500	330x330x560	210x180x450	290x230x490	330x330x560
净重 Net weight(KG)	45KG	75KG	90KG	48KG	78KG	93KG



KY-10000 数显抗折仪

KY-10000 DIGITAL-DISPLAY CRACKING INSTRUMENT



KY-10000数显式抗折仪主要是用来测量陶瓷砖、玻璃等脆性非金属板材抗弯强度的试验设备，尤其适合作大规格、高强度的陶瓷砖的弯曲强度试验。本机符合国家标准GB/T3810.4-2006《陶瓷砖试验方法—第4部分：断裂模数和破坏强度的测定》和国家计量检定规范JJG476-2001《抗折试验机》中对试验设备的要求。适用于测量工程陶瓷、电瓷、日用陶瓷、陶管、砖瓦制品的抗折强度之用。

KY-10000 digital display cracking instrument is mainly used to measure the bending strength of brittle non-metallic materials such as ceramic tiles, glass, etc. It is especially suitable for the bending strength test of large-sized and high-strength ceramic tiles. This machine complies with the national standard GB/T3810.4-2006 "Ceramic tile test methods - Part 4: Determination of fracture modulus and breaking strength" and the national metrological verification specification JJG476-2001 "bending test machine" in the test equipment Claim. It is suitable for measuring the flexural strength of engineering ceramics, electric porcelain, daily-use ceramics, ceramic pipes, and tile products.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-600A	KY-800A	KY-1000A	KY-1200A
最大载荷 Maximum load	9999 (N)			
试样范围(mm) Sample range	600×600(mm)	800×800(mm)	1000×1000(mm)	1200×1200(mm)
智能计算 Intelligent Computing	无			
分辨率 Resolution	1N			
误差 Error	±1.0%			
工作台行程 Worktable travel	≤70mm			
加荷速度 Loading speed	5~700 (N/S) 可调 Adjustable			
电源 Power supply	三相四线/380V、1000W			
体积 Size(mm)	640×920×1070	840×1120×1070	1040×1320×1070	1240×1520×1070
净重 Net weight(KG)	160KG	240KG	290KG	320KG



M A KY-20000 智能数显抗折仪

KY-20000 DIGITAL-DISPLAY CRACKING INSTRUMENT

数显式抗折仪主要是用来测量陶瓷砖、玻璃等脆性非金属板材抗弯强度的试验设备，尤其适合作大规格、高强度的陶瓷砖的弯曲强度试验。本机符合国家标准GB/T3810.4-2006《陶瓷砖试验方法—第4部分：断裂模数和破坏强度的测定》和国家计量检定规范JJG476-2001《抗折试验机》中对试验设备的要求。适用于测量工程陶瓷、电瓷、日用陶瓷、陶管、砖瓦制品的抗折强度之用。

微电脑程序控制系统，配方一步到位自动计算结果，采用精密压力传感器数据更精准、抗强、耐压，匹配USB接口，可与计算机连接，实现数据保存与打印。

KY-20000 digital display Cracking instrument is mainly used to measure the bending strength of brittle non-metallic materials such as ceramic tiles, glass, etc. It is especially suitable for the bending strength test of large-sized and high-strength ceramic tiles. This machine complies with the national standard GB/T3810.4-2006 "Ceramic tile test methods - Part 4: Determination of fracture modulus and breaking strength" and the national metrological verification specification JJG476-2001 "bending test machine" in the test equipment Claim. It is suitable for measuring the flexural strength of engineering ceramics, electric porcelain, daily-use ceramics, ceramic pipes, and tile products.

Microcomputer program control system, formula in place in one step, automatic calculation results, Using precision pressure sensor, the data is more accurate, strong and pressure resistant, With USB interface, it can be connected with computer to save data and print.

主要技术参数 / MAIN TECHNICAL PARAMETERS

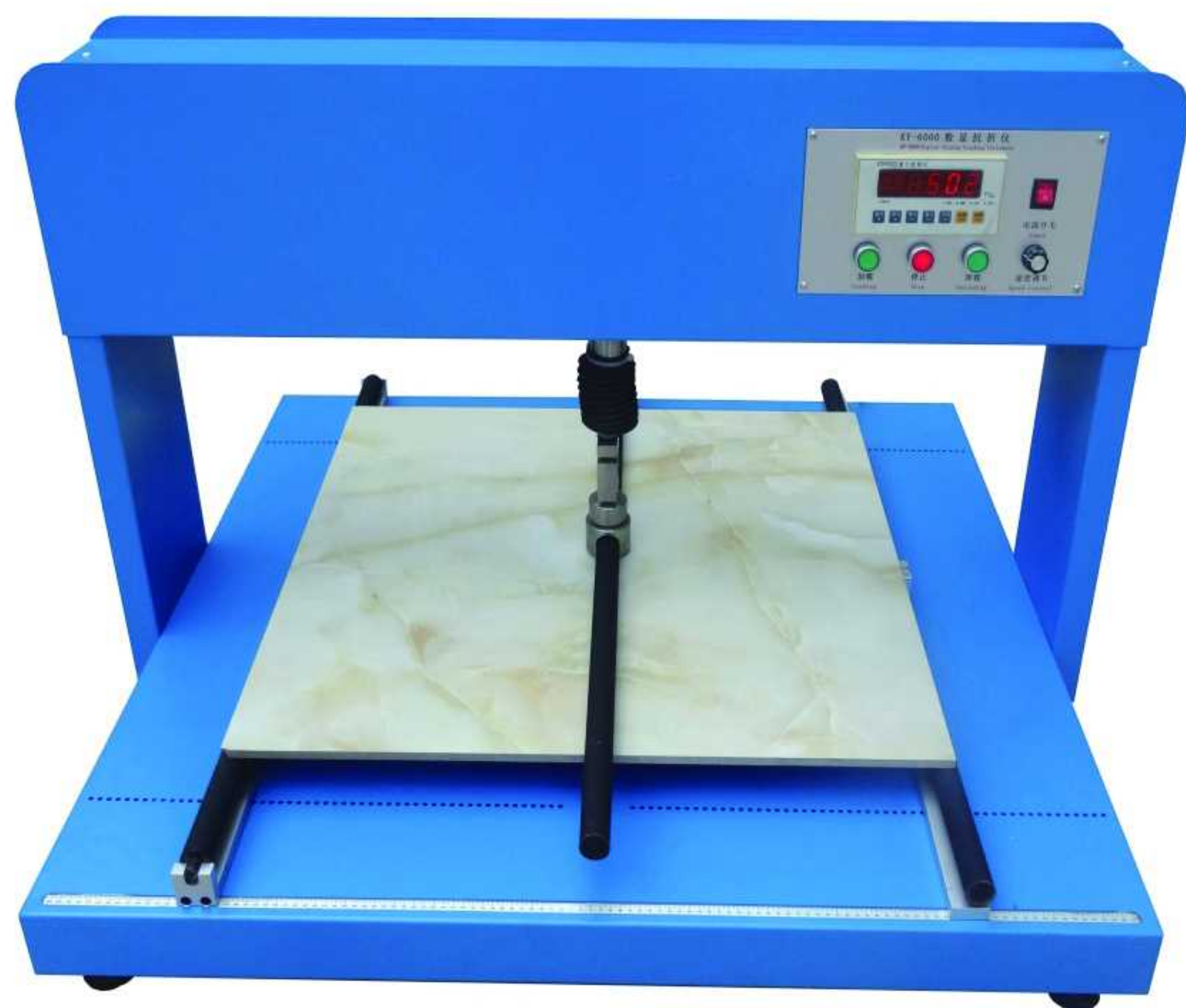
规格型号 Specifications	KY-750B	KY-900B	KY-1000B
最大载荷 Maximum load	19999 (N)		
试样范围(mm) Sample range	750×1500mm	900×1800mm	1000×2000mm
智能计算 Intelligent Computing	有		
分辨率 Resolution	1N		
误差 Error	±1.0%		
工作台行程 Worktable travel	≤120mm		
加荷速度 Loading speed	5~700 (N/S) 可调 Adjustable		
电源 Power supply	380V / 三相四线		
体积 Size(mm)	1530×950×1180	930×1850×1180	1130×2060×1180
净重 Net weight(KG)	220KG	290KG	320KG





KY-6000 数显抗折仪

KY-6000 DIGITAL-DISPLAY CRACKING INSTRUMENT



KY-6000型数显式抗折仪主要是用来测量陶瓷砖、玻璃等脆性非金属板材抗弯强度的试验设备，尤其适合大规格、高强度的陶瓷砖的弯曲强度试验。本机符合国家标准GB/T3810.4-2006《陶瓷砖试验方法—第4部分：断裂模数和破坏强度的测定》和国家计量检定规范JJG476-2001《抗折试验机》中对试验设备的要求。适用于测量工程陶瓷、电瓷、日用陶瓷、陶管、砖瓦制品的抗折强度之用。

KY-6000 Digital-display cracking instrument is mainly used to measure the bending strength of brittle non-metallic materials such as ceramic tiles, glass, etc. It is especially suitable for the bending strength test of large-sized and high-strength ceramic tiles. This machine complies with the national standard GB/T 3810.4-2006 "Ceramic tile test methods - Part 4: Determination of fracture modulus and breaking strength" and the national metrological verification specification JJG476-2001 "bending test machine" in the test equipment Claim. It is suitable for measuring the flexural strength of engineering ceramics, electric porcelain, daily-use ceramics, ceramic pipes, and tile products.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-600	KY-800	KY-1000
最大载荷 Maximum load	6000 (N) / 500 (N)		
试样范围(mm) Sample range	600 × 600(mm)	800 × 800(mm)	1000 × 1000(mm)
分辨率 Resolution	1 N		
误差 Error	± 1.0%		
工作台行程 Worktable travel	≤70mm		
加荷速度 Loading speed	5~700 (N/S) 可调 Adjustable		
电源 Power supply	220V、70W		
体积 Size(mm)	840 × 740 × 790	930 × 850 × 790	1240 × 1135 × 800
净重 Net weight(KG)	65KG	75KG	85KG



PEM 型致密度仪(针入式)

PEM PENETRATION MEASURING INSTRUMENT

PEM型致密度仪是用于测定陶瓷砖等非金属粉体成型坯体的致密度的专用仪器,仪器由机体、加卸负荷机构、压头、试样支承工作台及其升降机构、压痕深度测量装置等部分组成。压头包括多种规格的针状压头,均为不锈钢制成。结构紧凑合理,操作方便,为陶瓷行业提供了可靠的检测手段。

Instrument this is it examine Dingtao porcelain unfired brick body cause dedicated device of density to used for, the structure compactness is rational, easy to operate, offer reliable detection means for ceramic trade.

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	PEM 针入式
预加负荷 Add load in advance	1.961N(0.2kgf)
主负荷砝码 Main load weight	10.58N(1.08kgf), 13.72N(1.4kgf)
压针尺寸 Press the size of the needle	0.6mm 0.7mm, 0.9 mm 任选
测量范围 Measure the range	0.01~3mm (压入深度)
体积 Size(mm)	750x500x740mm
净重 Net weight(KG)	71 kg



KY-50000 数显陶瓷透水砖强度试验机

KY-50000 DIGITAL DISPLAY CERAMIC PERMEABLE BRICK STRENGTH TESTING MACHINE

数显式抗折仪采用液压系统加荷机构。满足GB/T3810.4-1999陶瓷砖-断裂模数和破坏强度的测定,也适用于测量工程陶瓷、电瓷、日用陶瓷、陶管、砖瓦制品的抗折强度之用。

更换夹具还可以用于测定耐破性能等参数。

The digital display folding instrument uses a hydraulic system loading mechanism. It can meet the GB/T3810.4-1999 ceramic tile - determination of modulus of rupture and failure strength, and is also suitable for measuring the flexural strength of engineering ceramics, electric porcelain, daily-use ceramics, ceramic pipes and brick products.

The replacement fixture can also be used to determine parameters such as burst resistance.

主要技术参数 / MAIN TECHNICAL PARAMETERS

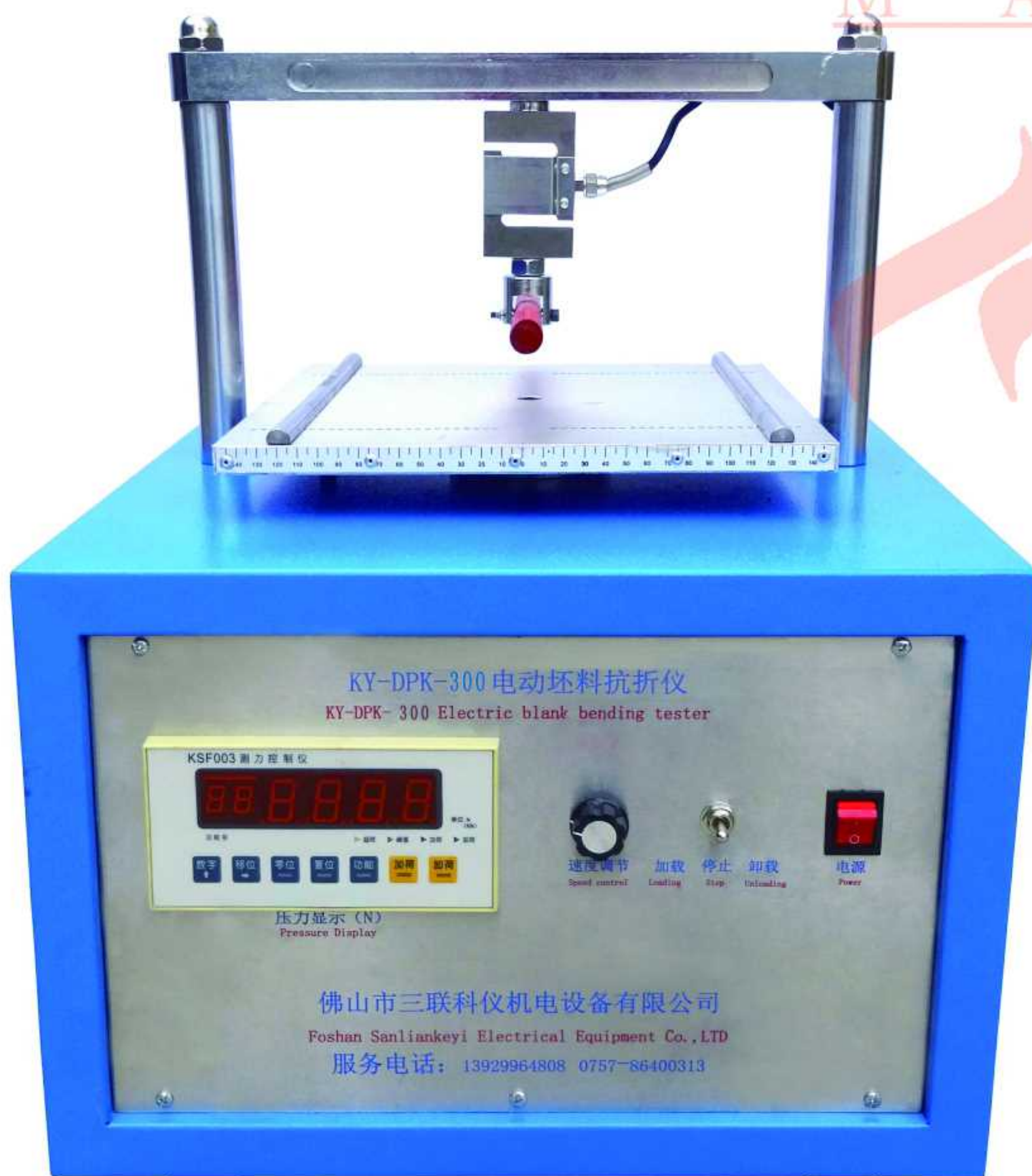
型号 Specifications	KY-50000N
最大载荷 Maximum load	50000 (N)
试样范围 Sample range	40×40~600×600 (mm) 40×40~800×800 (mm) 范围内可调, 上述规格由客户合同自定40×40~600×600(mm), Adjustable within the range of 40×40~800×800 (mm), the above specifications are customized by the customer contract
加荷速度 loading speed	5~700 (N/S) 可调Adjustable
误差 Error	数据电脑处理, 精度0.5% data computer processing, accuracy 0.5%;
电源 Power supply	380V, 1.1KW
体积 Size(mm)	770×750×1390
净重 Net weight(KG)	180KG

KY-DPK 电动坯料抗折仪

KY-DPK ELECTRIC BLANK BENDING TESTER

KY-DPK型数显式抗折仪主要是用来测量陶瓷砖、玻璃等脆性非金属板材抗弯强度的试验设备,尤其适合作大规格、高强度的陶瓷砖的弯曲强度试验。本机符合国家标准GB/T3810.4-2006《陶瓷砖试验方法-第4部分:断裂模数和破坏强度的测定》和国家计量检定规范JJG476-2001《抗折试验机》中对试验设备的要求。适用于测量工程陶瓷、电瓷、日用陶瓷、陶管、砖瓦制品的抗折强度之用。

KY-DPK electric blank bending tester is mainly used to measure the bending strength of brittle non-metallic materials such as ceramic tiles, glass, etc. It is especially suitable for the bending strength test of large-sized and high-strength ceramic tiles. This machine complies with the national standard GB/T3810.4-2006 "Ceramic tile test methods - Part 4: Determination of fracture modulus and breaking strength" and the national metrological verification specification JJG476-2001 "bending test machine" in the test equipment Claim. It is suitable for measuring the flexural strength of engineering ceramics, electric porcelain, daily-use ceramics, ceramic pipes, and tile products.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-DPK200	KY-DPK300
最大载荷 Maximum load	3000 (N)、500 (N)	3000 (N)、500 (N)
试样范围 Sample range	200*200mm	300*300mm
分辨率 Resolution	1N	1N
误差 Error	±1.0 %	±1.0 %
加荷速度 Worktable travel	5~700 (N/S) 可调/Adjustable	5~700 (N/S) 可调/Adjustable
工作台行程 Loading speed	≤70mm	≤70mm
电源 Power supply	220V、60W	220V、60W
体积 Size(mm)	450×400×600	
净重 Net weight(KG)	40KG	



KY-B 型数显可塑性测定仪

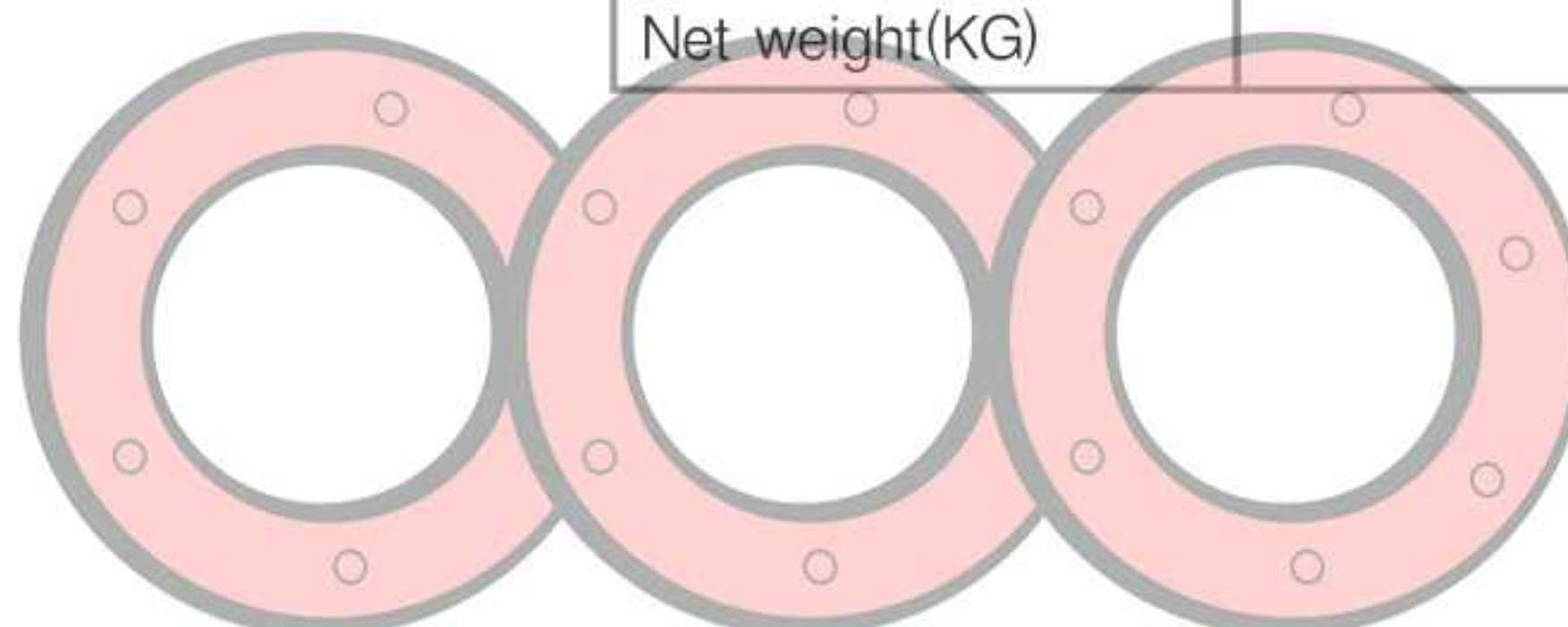
KY-B DIGITAL MALLEABLE INSTRUMENT

KY-B数显可塑性仪是用于测量陶瓷泥料可塑性的一种新型仪器。本机符合国家行业标准QB/T 1322-1991《陶瓷泥料可塑性指数测定方法》中对试验设备的要求。

The KY-B digital malleable instrument is a new type of instrument for measuring the plasticity of ceramics. This machine complies with the requirements of the test equipment in the national industry standard QB/T 1322-1991 "Measurement method for plasticity index of ceramic materials".

主要技术参数 / MAIN TECHNICAL PARAMETERS

试样尺寸 Sample size	$\phi 28 \times 38$ 圆柱、 $\phi \leq 45$ 球形试样 $\phi 28 \times 38$ cylindrical, $\phi \leq 45$ spherical specimen
压力量程 Pressure range	0~200N; 压力精度 $\leq 1\%$ (FS) 0~200N; Pressure Accuracy $\leq 1\%$ (FS)
位移量程 Displacement range	0~25mm; 位移精度 $\leq 1\%$ (FS) 0~25mm; displacement accuracy $\leq 1\%$ (FS)
压板速率 Platen speed	30mm/min 30mm/min
电 源 power supply:	220V $\pm 5\%$ 50HZ $\pm 5\%$ 220V $\pm 5\%$ 50HZ $\pm 5\%$
工作环境 working environment:	温度5 $^{\circ}$ C~40 $^{\circ}$ C; 湿度 $\leq 85\%$ Temperature 5 $^{\circ}$ C~40 $^{\circ}$ C; Humidity $\leq 85\%$
全过程微电脑控制、数据处理 Microcomputer controls the whole process and data processing	
体积 Size(mm)	450 \times 400 \times 600
净重 Net weight(KG)	40KG



M A H O O B

KY-XSL 陶瓷吸水率测定仪(半自动指针)

KY-XSL CERAMIC WATER ABSORPTION TESTER (SEMI-AUTOMATIC POINTER)

KY-XSL系列陶瓷吸水率测定仪是采用真空法对日用陶瓷、建筑卫生陶瓷、电瓷、砖瓦、水泥制品的吸水率进行测定的仪器。本机符合国家标准GB/T3810.3-2006《陶瓷砖试验方法——第3部分：吸水率、显气孔率、表现相对密度和容重的测定》和国家标准GB/T3299-1996《日用陶瓷吸水率测定方法》中对试验设备的要求。

KY-XSL series ceramic water absorption tester is a vacuum method used to determine the water absorption rate of daily-use ceramics, building sanitary ceramics, electric porcelain, brick and cement products. This machine complies with the national standard GB/T3810.3-2006 "Ceramic tile test methods - Part 3: Determination of water absorption, apparent porosity, relative density and bulk density determination" and the national standard GB/T3299-1996 "Daily-use ceramics Water Absorption Determination Method" requirements for test equipment.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-250	KY-400
显示模式 Display mode	指针读数Pointer meter display reading	
容量 Capacity	$\phi 250$	$\phi 400$
真空度 vacuum degree	≥ -0.096 Mpa可设定Setable	
真空保持时间 Vacuum retention time	0~99分钟59秒连续可调 0 to 99 minutes and 59 seconds continuously adjustable	
浸泡时间 Soaking time	1~99分钟59秒连续可调 1 to 99 minutes and 59 seconds continuously adjustable	
电源 Power Supply	220V 180W	
体积 Size(mm)	700 \times 600 \times 985	730 \times 730 \times 1225
净重 Net weight(KG)	80KG	120KG

KY-XSL 陶瓷吸水率测定仪 (半自动数显)

KY-XSL CERAMIC WATER ABSORPTION TESTER (SEMI-AUTOMATIC DIGITAL DISPLAY)

KY-XSL系列陶瓷吸水率测定仪是采用真空法对日用陶瓷、建筑卫生陶瓷、电瓷、砖瓦、水泥制品的吸水率进行测定的仪器。本机符合国家标准GB/T3810.3-2006《陶瓷砖试验方法——第3部分：吸水率、显气孔率、表现相对密度和容重的测定》和国家标准GB/T3299-1996《日用陶瓷吸水率测定方法》中对试验设备的要求。

KY-XSL series ceramic water absorption tester is a vacuum method used to determine the water absorption rate of daily-use ceramics, building sanitary ceramics, electric porcelain, brick and cement products. This machine complies with the national standard GB/T3810.3-2006 "Ceramic tile test methods - Part 3: Determination of water absorption, apparent porosity, relative density and bulk density determination" and the national standard GB/T3299-1996 "Daily-use ceramics Water Absorption Determination Method" requirements for test equipment.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-250	KY-400
显示模式 Display mode	数字直读 Digital direct reading	
容量 Capacity	φ 250	φ 400
真空度 vacuum degree	≥ -0.096Mpa可设定Setable	
真空保持时间 Vacuum retention time	0~99分钟59秒连续可调 0 to 99 minutes and 59 seconds continuously adjustable	
浸泡时间 Soaking time	1~99分钟59秒连续可调 1 to 99 minutes and 59 seconds continuously adjustable	
电源 Power Supply	220V 180W	
体积 Size(mm)	620×700×900	750×770×1050
净重 Net weight(KG)	160KG	180KG

KY-XSL 陶瓷吸水率测定仪 (全自动数显)

KY-XSL CERAMIC WATER ABSORPTION TESTER (FULLY AUTOMATIC)

KY-XSL系列数显陶瓷吸水率测定仪是采用真空法对日用陶瓷、建筑卫生陶瓷、电瓷、砖瓦、水泥制品的吸水率进行测定的仪器。本机符合国家标准GB/T3810.3-2006《陶瓷砖试验方法——第3部分：吸水率、显气孔率、表现相对密度和容重的测定》和国家标准GB/T3299-1996《日用陶瓷吸水率测定方法》中对试验设备的要求。

采用不锈钢通身及上盖，密封性更好，上盖通过支架固定在机箱上，操作更方便；

采用数显仪表及PLC程序控制，初次设定好后一键完成整个过程；

利用油泵进行抽真空，速度快，维护方便，大大提高工作效率；

KY-XSL Series Digital Ceramic Water Absorption Tester is a vacuum method used to measure the water absorption rate of daily-use ceramics, building sanitary ceramics, electric porcelain, brick and cement products. This machine complies with the national standard GB/T3810.3-2006 "Ceramic tile test methods - Part 3: Determination of water absorption, apparent porosity, relative density and bulk density determination" and national standard GB/T3299-1996 "Daily-use ceramics Water Absorption Determination Method" requirements for test equipment.

Stainless steel body and cover, better sealing, the upper cover fixed to the chassis through the bracket, the operation is more convenient;

Digital display instrument and PLC program control, the first time after the first set up to complete the entire process;

Vacuum pumping using oil pump, fast speed, convenient maintenance, greatly improve work efficiency;

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-300Q	KY-400Q
容量 Capacity	φ 300	φ 400
真空度 Vacuum Degree	≤ -0.096Mpa可设定/0.096Mpa Setable	
真空保持时间 Vacuum Retention Time	0~99分钟59秒连续可调 0 to 99 minutes and 59 seconds continuously adjustable	
浸泡时间 Soaking Time	1~99分钟59秒连续可调 1 to 99 minutes and 59 seconds continuously adjustable	
电源 Power Supply	220V 180W	
体积 Size(mm)	620×710×1086	750×780×1170
净重 Net weight(KG)	185KG	195KG





SL-WS 卧式球磨机

SL-WS HORIZONTAL BALL MILL

1. 可以多个样品同时研磨； 2. 可以间歇或连续操作；
3. 能根据要求进行定时； 4. 适用于物料细磨，粉碎效率高；
5. 罐体承重胶辊由特殊材料制成，经久耐用。
6. 具有程序控制，无级调速，软启动，定时正、反转，定时关等特点。

1. Multiple samples can be ground simultaneously;
2. Can be operated intermittently or continuously;
3. Can be timed according to requirements;
4. It is suitable for fine grinding of materials and high pulverization efficiency;
5. The tank load-bearing rubber roller is made of special materials and is durable.
6. With program control, stepless speed regulation, soft start, timing positive, reverse, timing off and so on.

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	SL-WS
给料粒度 Feed granularity	≤ 10 (mm)
磨矿方式 Grinding method	干湿式
筒体转速 Simplified speed	40-340 (r/min)
适用物料 Applicable material	撞击可破碎的物料 Impact on broken materials
电机功率 Motor Power	1.1 (KW)
排矿方式 Mining method	间歇 Intermittent
结构形式 Structure type	卧式 Horizontal
体积 Size(mm)	860×720×920
净重 Net weight(KG)	160KG



SL-GT 滚筒式球磨机

SL-GT DRUM BALL MILL

1. 该机运行平稳、高效节能、噪音小、无污染；
2. 可进行干式、湿式粉磨，可处理各种硬度的物料，可进行粗、细粉磨或应用于物料的混合；
3. 采用保护外套，物料纯度高、低污染； 4. 抗磨损，磨粉效率高；
5. 可选用合金钢、不锈钢、氧化铝等内衬，型号根据用户产量可以选择50-500L。

1. The machine runs smoothly, is energy efficient, has low noise and is free from pollution;
2. It can be used for dry and wet grinding. It can process materials of various hardnesses, and can be used for coarse and fine grinding or for mixing materials.
3. Adopt protective jacket, high purity and low pollution; 4. Anti-wear, high grinding efficiency;
5. Optional alloy steel, stainless steel, alumina and other linings, models can be selected according to user output 50-500L.

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	SL-GT50	SL-GT100	SL-GT200	SL-GT300	SL-GT500
容积 Volume	50L	100L	200L	300L	500L
转速 Speed	28~35r/min	28~35r/min	53r/min	28~35r/min	28~35r/min
电机 Motor	1.1KW	2KW	2.2KW	3KW	4KW
球体尺寸 Ball size	Φ450X610mm	Φ595X608mm	Φ720×850mm	Φ950X1015mm	Φ1100X1500mm
工作尺寸 Working Size	Φ360x500mm	Φ505x480mm	Φ620x750mm	Φ850x915mm	Φ1000x1276mm
出料量 Discharge amount	物料密度不同，容量不同，参考出料量 Different material density, different capacity, reference discharge amount				
球口大小 Ball size	Φ150mm	Φ150mm	Φ180mm	Φ180mm	Φ235mm
电压 Voltage	380V(三相四线) 380V(Three-phase four-wire)				



智能数控摇墨机

INTELLIGENT NUMERICAL CONTROL SHAKING INK MACHINE

1. 该机运行平稳、高效节能、噪音小；
The machine runs stably, with high efficiency and energy saving and low noise;
2. 采用智能数控系统，安全、平稳解决墨水沉淀问题；
Adopt intelligent numerical control system Solve the problem of ink deposition safely and stably;
3. 选用高精精密光幕传感器，具有防夹压功能；
Selection high precision light curtain sensor It has anti pinch function.

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Model	SL-20S
最大负载 Maximum working	24箱x20公斤/箱 24 cases x 20 kg/case (可定制Customizable)
转动速度 Rotational speed	20~50转/分 可调20 to50minutes adjustable
功率 power	5.5KW
最大转动时间 Maximum turn time	960分钟/min
电压 Voltage	三相四线 (Three-phase four-wire)



KY-B快速球磨机

KY-B FAST BALL MILL

快速球磨机KY-B快速球磨机是实验室、小批量生产用高效超细研磨、混合设备。该机可广泛在电子材料、磁性材料、生物医药、陶瓷釉浆、非金属矿、新材料等行业使用。为科技人员研究新产品、开发新技术材料提供了方便。是科研、教学、试验、生产的优选设备。本机符合国家标准GB/T12109-1989《日用陶瓷工业用球磨机》和国家行业JB/T1406-2002《球磨机和棒磨机》中对试验设备的要求。

KY-B fast ball mill is a high-performance superfine grinding and mixing equipment for laboratory and small batch production. The machine can be widely used in electronic materials, magnetic materials, bio-pharmaceuticals, ceramic glaze pulp, non-metallic minerals, new-shaped materials and other industries. It is convenient for scientists and technicians to research new products and develop new technology materials. It is the preferred equipment for scientific research, teaching, experimentation and production. This machine meets the requirements of test equipment in the national standard GB/T12109-1989 "Ball Mill for Daily Use Ceramic Industry" and the national industry JB/T1406-2002 "Ball Mill and Grinder".



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-B-1 (单罐) KY-B-1 (single tank)	KY-B-2 (双罐) KY-B-2 (double tank)	KY-B-2B (双罐 double tank) 隔音型 Sound insulation
研磨量 Grinding capacity	0.5Kg、1Kg	0.5Kg、1Kg	0.5Kg、1Kg
电压 Voltage	415V(三相四线) (Three-phase four-wire) 380V(三相四线) (Three-phase four-wire) 220V	415V(三相四线) (Three-phase four-wire) 380V(三相四线) (Three-phase four-wire) 220V	380V(三相四线) (Three-phase four-wire)
定时时间 Timing	0-99小时可调 hours adjustable	0-99小时可调 hours adjustable	0-99小时可调 hours adjustable
体积 Size(mm)	520 × 760 × 780	900 × 760 × 780	900 × 760 × 940
净重 Net weight(KG)	60KG	126KG	132KG



1400TP 智能箱式高温炉

1400TP SMART BOX TYPE HIGH TEMPERATURE FURNACE

炉膛材料采用高纯氧化铝多晶纤维及硅酸铝纤维棉，保温耐用，升温速度快，高效节能。加热元件采用优质硅碳棒，最高发热温度可达1400℃。

具有超温报警、漏电保护仪表具有温度补偿及校正功能具有过温保护，断偶保护、等安全操作。

高精度智能显示仪表，具有PID调节、自整定功能，并可编制36段升降温程序控温精度±1℃，手动/自动无干扰切换功能，可自由设定升温曲线。

独特的炉门设计，开关操作安全简单，控制器和箱体一体，美观大方，维修方便。

The furnace material is made of high-purity alumina polycrystalline fiber and aluminum silicate fiber cotton, which is heat-insulating and durable, with rapid heating rate and high efficiency. The heating element is made of high quality silicon carbon rod, and the maximum heating temperature can reach 1400°C.

With over-temperature alarm, leakage protection instrument with temperature compensation and correction function with over-temperature protection, break protection, and other safe operation.

High-precision intelligent display instrument with PID adjustment and self-tuning function, and can be programmed with 36-segment temperature rise and control program temperature control accuracy ± 1°C, manual / automatic interference-free switching function, free to set the temperature rise curve.

Unique furnace door design, the switch operation is safe and simple, the controller and the box body are integrated, beautiful and convenient, and easy to maintain.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SX2-8-14TP	SX2-10-14TP	SX2-16-14TP
额定功率 Rated power	8KW	10KW	16KW
额定温度 Rated temperature	≤1400℃		
工作电压 Operating Voltage	380V		
相数 Phase	两相+零线/Two phase + zero line		
空炉升温 Empty furnace heating	时间 ≤40分/Time ≤ 40 minutes		
炉膛尺寸(深*宽*高mm) Furnace size (D*W*H)	400×200×200	400×300×300	400×400×400
加热元件 Heating element	硅碳棒/Silicon carbon rod		
感温元件 Temperature sensing element	S型热电偶/S type thermocouple		
体积 Size(mm)	910×760×1388	910×800×1380	950×880×1480
净重 Net weight(KG)	190KG	230KG	250KG

SX2-4-13 箱式电阻炉

SX2-4-13 BOX RESISTANCE FURNACE

SX2-4-13箱式电阻炉采用周期作业式,可供实验室、工矿企业、科研单位等作元素分析测定及小型钢件淬火、退火、回火等热处理时加热用,高温炉还可作金属、陶瓷、的烧结,熔解分析等及高温加热用。本机符合国家标准GB/T10067-2004《电热设备的试验方法》和GB/T10067-2005《电热装置基本技术条件》以对试验设备的要求。

SX2-4-13 resistance furnace adopts periodic operation type, which can be used for laboratory analysis, industrial and mining enterprises, research institutes, etc. for elemental analysis and determination of small steel parts, such as quenching, annealing, tempering, etc. For heat treatment, the high temperature furnace can also be used for metal, ceramic, sintering, melting analysis and high temperature heating. The machine complies with the national standard GB/T10067-2004 "Test Methods for Electric Heating Equipment" and GB/T10067-2005 "Basic Technical Conditions for Electric Heating Equipment" to meet the requirements of test equipment.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SX2-4-10	SX2-5-12	SX2-4-13
额定功率 Rated power	4KW	5KW	4KW
额定温度 Rated temperature	≤1000℃	≤1200℃	≤1300℃
炉膛尺寸 Furnace size	300*200*120mm	300*200*120mm	100×150×250mm
工作电压 Operating Voltage	220V	220V	380V
加热器件 Heating device	发热丝/Silicon carbon rod	发热丝/Silicon carbon rod	硅碳棒/Heating wire
体积 Size(mm)	550×550×750	550×550×750	540×530×710
净重 Net weight(KG)	85KG	85KG	90KG



1300TP 智能多温烧结炉

1300TP INTELLIGENT MULTI-TEMPERATURE SINTERING FURNACE

高校、科研院所、工矿企业做高温烧结、金属退火、质量检测。粉末冶金行业以及义齿加工行业的烘烤、氧化锆盘预烧结等。根据加热区大小，进行小试，中试，批量生产。

Universities, research institutes, industrial and mining enterprises do high temperature sintering, metal annealing, quality testing. Baking and zirconia disk pre-sintering in the powder metallurgy industry and denture processing industry. According to the size of the heating zone, carry out small test, pilot test and mass production.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SX2-12-13TP
炉膛尺寸 Specifications	总尺寸为810mm (宽) * 230mm (深) * 85mm (高) 另分九个单独温区, 每个温区尺寸81mm (宽) * 230mm (深) * 85mm (高), 每个区独立控制 The total size is 810mm (width) * 230mm (deep) * 85mm (height) divided into nine separate temperature zones, each temperature zone size 81mm (width) * 230mm (deep) * 85mm (height), each zone is independently controlled
额定电压 Rated voltage	AC220V 50/60Hz
额定功率 rated power	12kw
炉体结构 Furnace structure	双层壳体结构, 配有风冷系统, 可使炉体表面快速降温 Double-shell structure with air-cooling system for rapid cooling of the surface of the furnace
炉门结构 Furnace door structure	正面开门 / Opening the front door
工作温度 Operating temperature	最高温度1300°C, 连续工作温度 ≤ 1250°C The highest temperature is 1300°C, continuous working temperature is ≤ 1250°C
升温速度 Heating rate	推荐 ≤ 10°C/min, 最快升温速度30°C/min Recommended ≤ 10°C/min, the fastest heating rate 30°C/min
降温速度 Cooling speed	700°C以上 ≤ 10°C/min
控温方式 Temperature control	采用人工智能调节技术, 具有PID调节、自整定功能, 36段升降温程序 Adopt artificial intelligence adjustment technology, with PID adjustment, self-tuning function, 36-segment lifting and lowering program
控温精度 Method Temperature control accuracy	控温精度 ± 1°C / Temperature control accuracy ± 1°C
体积 Size(mm)	①六区尺寸(mm) Six temperature zone size: 1800 × 640 × 1400 ②九区尺寸(mm) Nine temperature zone size: 1380 × 640 × 1340
净重 Net weight(KG)	400KG

1600TP 智能箱式电阻炉

1600TP SMART BOX RESISTANCE FURNACE

本系列电炉可供高校、科研院所、工矿企业做高温烧结、金属退火、质量检测等；炉膛材料采用高纯氧化铝多晶纤维及硅酸铝纤维棉，保温耐用，升温速度快，高效节能。

This series of electric furnaces can be used for high-temperature sintering, metal annealing and quality inspection in universities, research institutes and industrial and mining enterprises. The furnace material is made of high-purity alumina polycrystalline fiber and aluminum silicate fiber cotton, which is heat-insulating and durable, with rapid heating rate and high efficiency.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KSX2-8-16TP	SX2-12-16TP	SX2-16-16TP
额定功率 Rated power	8KW	12KW	16KW
额定温度 Rated temperature	≤ 1600°C		
工作电压 Operating Voltage	380V		
相数 Phase	两相+零线 Two phase + zero line		
空炉升温时间 Empty furnace heating	≤ 40分 Time / ≤ 40 minutes		
炉膛尺寸 (深*宽*高mm) Furnace size (d*w*h mm)	400 × 200 × 200mm	400 × 300 × 300mm	400 × 400 × 400mm
加热元件 Heating element	硅钼棒 / Silicon molybdenum rod		
感温元件 Temperature sensing element	B型热电偶 Type / B thermocouple		
体积 Size(mm)	910 × 760 × 1388mm	910 × 800 × 1380mm	950 × 880 × 1480mm
净重 Net weight(KG)	190KG	230KG	250KG





SX2-SL5升降式智能马弗炉

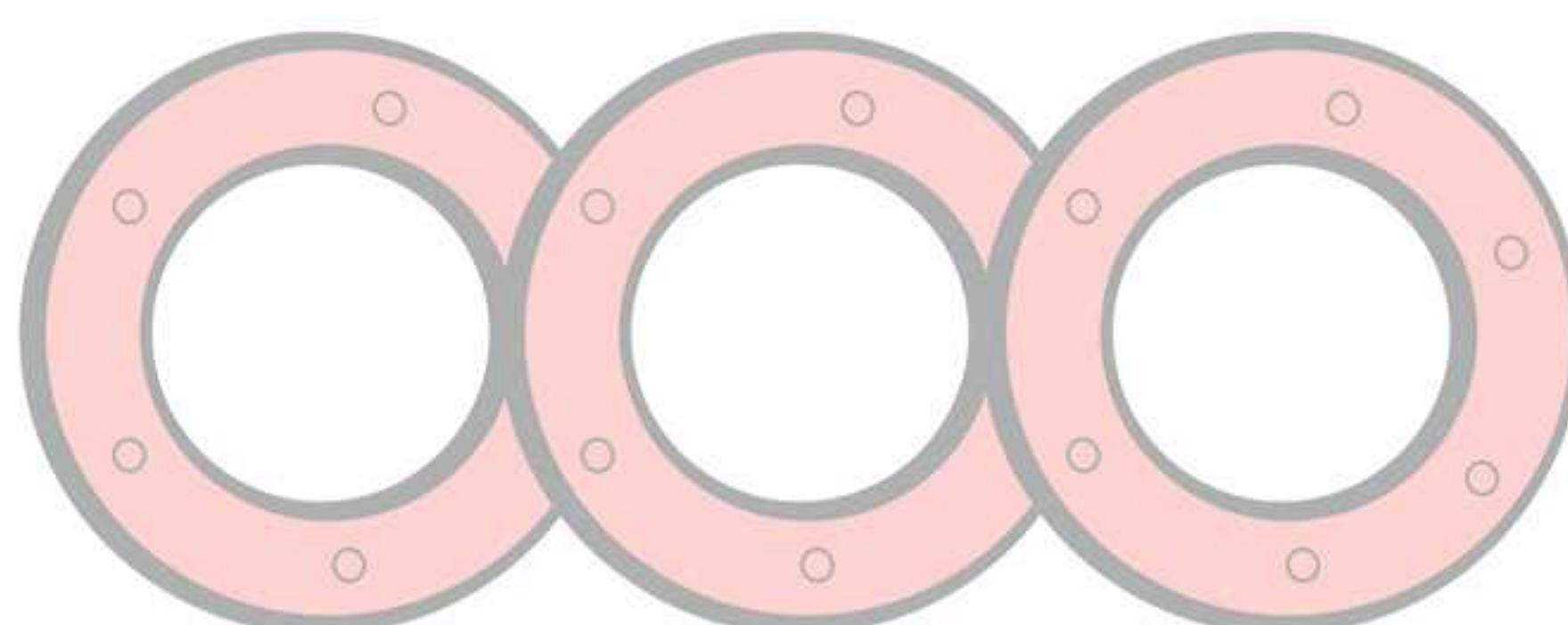
SX2-SL5 LIFTING INTELLIGENT MUFFLE FURNACE

炉底可上下升降移动，十分方便装卸产品，适合于被烧产品要求装卸炉内方便，震动小。采用微电脑程序控制，可实现曲线升温。

The bottom of the furnace can be moved up and down, which is very convenient for loading and unloading products. It is suitable for the burning of products and requires convenient loading and unloading in the furnace, with little vibration. Microcomputer program control can achieve curve warming.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SX2-SL5A	SX2-SL5B	SX2-SL5C
温度范围 temperature range	1200°C	1400°C	1600°C
炉膛尺寸 Furnace size	200 × 200 × 200 (mm)	300 × 300 × 300 (mm)	可按客户要求定制
加热器件 Heating device	U型硅碳棒 U-type silicon carbon rod	U型硅碳棒 U-type silicon carbon rod	U型硅钼棒 U-type silicon molybdenum rod



MAHOOOR

SX2-3.5-12 一体式不锈钢箱式电阻炉

SX2-3.5-12 INTEGRATED STAINLESS STEEL BOX-TYPE RESISTANCE FURNACE

SX2-3.5-12 不锈钢快速升温炉采用周期作业式,可供实验室、工矿企业、科研单位等作元素分析测定及小型钢件淬火、退火、回火等热处理时加热用,高温炉还可作金属、陶瓷、的烧结,溶解分析等及高温加热用。本机符合国家标准GB/T10067-2004《电热设备的试验方法》和GB/T10067-2005《电热装置基本技术条件》以对试验设备的要求。

SX2-3.5-12 integrated stainless steel box-type resistance furnace adopts periodic operation type, which can be used for laboratory analysis, industrial and mining enterprises, research institutes, etc. for elemental analysis and determination of small steel parts, such as quenching, annealing, tempering, etc. For heat treatment, the high temperature furnace can also be used for metal, ceramic, sintering, melting analysis and high temperature heating. The machine complies with the national standard GB/T10067-2004 "Test Methods for Electric Heating Equipment" and GB/T10067-2005 "Basic Technical Conditions for Electric Heating Equipment" to meet the requirements of test equipment.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SX3.5-12
额定功率 Rated power	3.5KW
额定温度 Rated temperature	≤1200°C
炉膛尺寸 Furnace size	200 × 160 × 140 (mm)
工作电压 Operating Voltage	220V
空炉升温时间 Air furnace heating time	≤45分钟升温到电炉的额定温度 ≤45minutes to warm up to the rated temperature
加热器件 Heating device	3.5KW 发热丝/heating wire
体积 Size(mm)	420 × 440 × 620mm
净重 Net weight(KG)	30KG





KL-JZL-15D 数显摆锤冲击试验机

KL-JZL-15D DIGITAL PENDULUM IMPACT TESTING MACHINE

本系列数显冲击试验机主要用于硬质塑料、增强尼龙、玻璃钢、陶瓷、铸石、电绝缘材料等非金属材料冲击韧性的测定。是化工、科研单位质量检测等部门理想的测试设备，符合 ISO 179、GB/T 1043、JB / T 8762、GB/T 1451-2005 标准的规定。

采用旋转编码器园光栅测角技术，具有精度高，稳定性好和测量范围大等优点，数字显示冲断能量、冲击强度、预扬角、升角、平均值、能量损失自动修正。

This series of digital impact testing machines are mainly used to measure the impact toughness of non-metallic materials such as hard plastics, reinforced nylon, glass fiber reinforced plastics, ceramics, cast stone, electrical insulating materials, etc. It is an ideal test equipment for chemical industry, scientific research institutions. It meets the requirements of ISO 179, GB/T 1043, JB/T 8762 and GB/T 1451-2005. The rotary encoder circular grating angle measurement technology has the advantages of high precision, good stability and wide measurement range. The digital display of punching energy, impact strength, pre lift angle, rise angle, average value and energy loss is automatically corrected.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KL-JZL-15D
冲击速度 impact speed	2.9m/s 3.8m/s
摆锤能量 Pendulum energy	1J 2J 4J 5J 7.5J 15J
摆锤中心至试样中心距离 Distance from pendulum center to specimen center	221mm 338mm
摆锤扬角 Swing angle of pendulum	150°
钳口支承间距 Jaw support spacing	64mm
支承刀刃圆角半径 Radius of rounded edge support	R=1mm
冲击刀刃夹角 Angle of impact blade	30°
冲击刀刃圆角半径 Fillet radius of impact blade	R=2mm



WGG 60-Y(E) 4 光泽度计

WGG 60-Y(E) GLOSSMETER

WGG60-Y (E) 系列光泽度计是按照国际标准ISO-2813和国家标准GB/T9754设计制造的光泽度测量仪器。其技术参数同时符合ASTMD2457、ASTM D523及GB/T13891、GB/T7706、GB/T8807标准中的规定。各项性能指标均达到国家JJG696-2002《镜向光泽度计和光泽度板》计量检定规程中一、二级工作机的要求。本仪器的光泽量值可溯源自上海市计量测试技术研究院 (SIMT)光泽度国家基准。

WGG60-Y (E) series gloss meter is a gloss measuring instrument designed and manufactured according to international standard ISO-2813 and national standard GB/T9754. Its technical Parameters meet the requirements of ASTMD2457, ASTM D523 and GB/T13891, GB/T7706, and GB/T8807 standards. All performance indicators have met the requirements of the first and second working machines in the national JJG696-2002 "Mirror Gloss and Gloss Board" metrological verification procedures. The gloss value of this instrument can be traced back to the national benchmark of glossiness of Shanghai Institute of Metrology and Measurement Technology (SIMT).

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	WGG60-Y4	WGG60-E4	WGG60-EJ	WGG60-ES4
读数范围GU Reading range GU	0-199.9	0-199.5	0-1999.9	0-199
示值误差GU Indication error GU	±1.2%	±2.0%	±1.5%	±2.0%
分度值(GU) Dividing value (GU)	0.1	0.5	1	1
稳定度Gu Stability Gu	0.2	0.5	1	1
光斑 (mm) Spot (mm)	30 × 18			
投射角度(度) Projection angle	60			
体积(mm3) Volume (mm3)	130X40X80			
重量(g) Weight (g)	430g			





SC-80C 全自动色差计

SC-80C AUTOMATIC COLOR DIFFERENCE METER

SC-80型色差计可以广泛地应用于计量、商检、纺织、印染、化工、造纸、冶金、陶瓷、图书管理、机械制造、家用电器、日用化工、食品、医药、教育等行业。

SC-80 color difference meter can be widely used in metrology, commodity inspection, textile, printing and dyeing, chemical, paper, metallurgy, ceramics, book management, machinery manufacturing, household appliances, household chemicals, food, medicine, education and other industries.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SC-80C
照测条件 Measure condition	反射: 0/d 透射: 0/0 / Reflection: 0/d Transmission: 0/0
测量孔径 Measuring aperture	反射: $\phi 18$ 毫米, 透射: $\phi 10$ 毫米测孔 / Reflection: $\phi 18$ mm, transmission: $\phi 10$ mm hole
灵敏度 Sensitivity	近似于CIE 1964等色函数 / Approximate to the CIE 1964 isochromatic function
校正基准 Calibration benchmark	国家标准白色校正板基准 / National Standard White Calibration Board Benchmark
观察条件 Observation condition	标准D65光源 / Standard D65 light source
测定范围 Measuring range	1.5 ~ 100% (反射率) 1.5 ~ 100% (reflectivity)
表色参数 Color parameter	绝对值: CIE XYZ, Yxy, L*a*b*, L*C*H*, HunterLab/ Absolute value: CIE XYZ, Yxy, L*a*b*, L*C*H*, HunterLab
色差 Color difference	Yxy, L*a*b*, L*C*H*, HunterLab的色差值 / Color difference values of Yxy, L*a*b*, L*C*H*, HunterLab
白度 Whiteness	CIE86白度Wg和Tw值、R457白度Wr值、Hunter白度Wh值、GB5950白度Wj值、GB1530白度中黄白度WTY和蓝白度WTB值、Stensby白度Ws值、Stephansen白度Wp值 CIE86 whiteness Wg and Tw value, R457 whiteness Wr value, Hunter whiteness Wh value, GB5950 whiteness Wj value, GB1530 whiteness yellow yellowness WTY and blue whiteness WTB value, Stensby whiteness Ws value, Stephansen whiteness Wp value
色牢度 Color fastness	沾色牢度SSR级数、灰卡色差 ΔE 变色牢度的级数G S、灰卡色差 $\Delta E F$ Color fastness SSR series, gray card color difference (series GS), gray card color difference (EF)
重复精度 Repeat accuracy	$\Delta Y \leq \pm 0.3$, $\Delta E \leq \pm 0.3$
保管温度范围 Storage temperature range	使用温度范围0~40°C 20~55°C Use temperature range 0 ~ 40°C - 20 ~ 55°C
体积 Size(mm)	300 × 320 × 320mm
净重 Net weight(KG)	5.2KG

WSB-2 数显白度仪

WSB-2 DIGITAL WHITENESS METER

WSB-2 数显白度仪主要适用于非彩色表面平整的物体或粉末的白度测量。可以准确地得出与视觉度相一致的白度值。对于经荧光增白剂处理过的物体，可以定量反映荧光增白后的白度值。对于纸张的不透明度可以准确测量。

WSB-2 digital whiteness meter is mainly used for measuring the whiteness of objects or powders that is non-colored flat surface, which can accurately obtain the whiteness value consisting with the visual acuity. For substances treated with a fluorescent whitening agent, it can quantitatively reflect the whiteness value after fluorescent whitening. The opacity of the paper can be accurately measured.

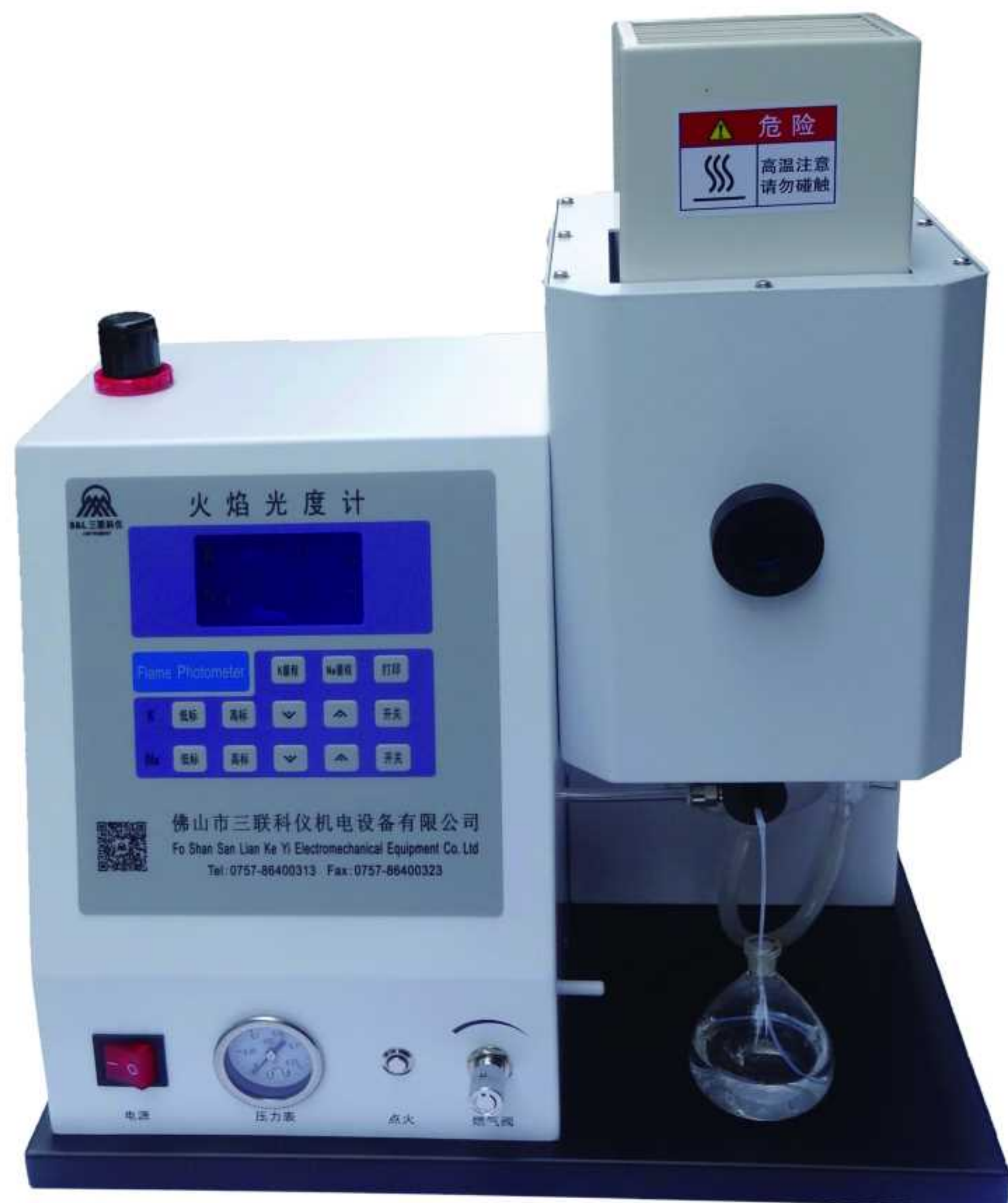
主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号/Specifications	WSB-1	WSB-2
测量范围/Measuring range	0-199%	0-199.9%
显示方式/Display method	数字显示/digital display	数字显示/digital display
分辨率/Analysis rate	0.5	0.1
测量孔径/Measuring aperture	$\phi 10$ mm	$\phi 30$ mm
照测条件/Conditions for test	45/0	45/0
测量方式/Measurement method	R457蓝光白度/R457 Blu-ray whiteness	
仪器光源/Instrument light source	12V/35W卤素灯/12V/35W halogen luminaire	
零点漂移/Zero drift	≤ 0.1	≤ 0.2
示值漂移/Indicating drift	≤ 0.2	≤ 0.3
电压波动、稳定性/Voltage fluctuation, stability	≤ 0.3	≤ 0.3
测量重复性/Side repeatability	$\pm 20\%$	$\pm 20\%$
体积 Size(mm)	138 × 42 × 88mm	260 × 320 × 290mm
净重 Net weight(KG)	300G	4KG



火焰光度计

FLAME PHOTOMETER



该产品是按照发射光谱的基本原理而设计制造的分析仪器，广泛应用于农业肥料、土壤分析、水泥分析、硅酸工业的分析和测定；医疗卫生的临床化验及病理研究。

The product is an analytical instrument designed and manufactured according to the basic principles of emission spectrometry. It is widely used in agricultural fertilizers, soil analysis, cement analysis, analysis and determination in the silicic acid industry; clinical laboratory tests and pathological research in health care.

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	FP6400A (数显)	FP6400 (指针式)
显示方式 Maximum load	LCD显示, 数字直读	指针式仪表显示读数
分光方式 Sample range	干涉滤色片	
稳定性 Resolution	用标准溶液连续进样, 15s 内仪器示值的相对最大变化量 ≤ 3% 每分钟测 1 次, 共测定 6 次仪器示值的相对最大变化量 ≤ 15%	
重复性 Error	对同一标准溶液重复进行 7 次连续独立测量 ≤ 3%	
线性误差 Worktable travel	K: ≤0.005mmol/L (0.0100~0.0800) mmol/L Na: ≤0.03mmol/L(0.0500~0.400)mmol/L	
检测限 Loading speed	K: 检测限 ≤0.004mmol/L; Na: 检测限 ≤0.008mmol/L	
响应时间 Power supply	响应时间 < 8S	
样品吸喷量 Power supply	样品吸喷量 < 6mL/min	
体积 Size(mm)	400 × 285 × 470mm	
净重 Net weight(KG)	12KG	



精密色差仪

PRECISION COLOR DIFFERENCE METER

色差仪，广泛应用于塑胶、印刷、油漆油墨、纺织、印染服装等行业的颜色管理领域。Color difference meter, widely used in plastic, printing, paint printing ink, textile, printing and dyeing industries in the field of color management.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	CS-10	CS-210	CS-580A
照明/受光 Lighting/light receiving	8/d(8°照明/漫射受光), 含镜面反射光(SCI) 8/d (8° illumination/diffuse with specular reflection (SCI))	不含镜面反射光 (SCI) No specular light (SCI)	CLEDs (全波段均衡Led光源)
显示模式 Display mode	色度值: L*a*b*, L*c*h, ΔE*ab, XYZ, 相对RGB值; 色差值: Δ(L*a*b*), Δ(L*c*h)	色度值: L*a*b*, L*c*h, ΔE*ab, XYZ, 相对RGB值; 色差值: Δ(L*a*b*), Δ(L*c*h); 白度值: 亨特白度, 甘茨白度; 黄度值: YI	光谱图/数据, 样品色度值, 色差值, 合格/不合格结果, 颜色偏向, 显示测量区域, 历史数据色彩仿真, 手动输入标准样, 生成检测报告
测量口径 Measuring aperture	约Φ8mm		A型: 10mm, B型: 4mm, 6mm
测量条件 Measurement conditions	CIE10° 标准观察者; CIE D65光源 CIE10° Standard Observer; CIE D65 Light Source		
测量范围 Measuring range	L*: 1-100		0-200%
重复性 Repeatability	标准偏差 ΔE*ab 0.1 以内 (测量白色校正板30次求平均值)	标准偏差 ΔE*ab 0.08 以内 (测量白色校正板30次求平均值)	色度值: ΔE*ab 0.03 (校正后, 以间隔5s 测量白板30次标准偏差), 最大值 0.05
存储 storage	标准样 10 组, 每组标样下测试样 100	标准样 100 组, 每组标样下测试样 100	20000 条测试数据
界面语言 Interface language	中文/英文 Chinese/English		
重量 weight	550g	1000g	1000g
尺寸 size	77 × 86 × 210mm	77 × 86 × 210mm	180 × 85 × 100mm





电热恒温干燥箱

ELECTRIC THERMOSTATIC DRYING OVEN

电热恒温干燥箱主要用于物品的烘培、干燥、热处理和加热。工农业生产、科学研究、医疗等单位试验室均可使用。

Electric thermostatic drying oven is mainly used for baking, drying, heat treatment and heating of articles. Industrial and agricultural production, scientific research, medical and other units can be used.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SL202-TA	SL202-1A	SL101-0A	SL101-1A	SL101-2A	SL101-3A	SL101-3+A
工作室尺寸(高×宽×深) Studio size High*width*deep	250×250×250	450×450×350	350×350×350	450×450×350	550×550×450	750×600×500	850×700×700
外型尺寸(高×宽×深) Outer diameter High*width*deep	440×480×390	680×680×490	580×670×510	680×770×510	820×900×670	1020×950×720	1120×1040×920
工作电压 V Working voltage	220 V						
输入功率 ≤KW Input power	0.8	2.0	1.2	2.0	2.4	3.5	4.2
工作温度 °C Working temperature	RT+10~250	RT+10~300					
加热介质	发热丝						
波动温度 Fluctuation temperature	±1						
净重 Net weight(KG)	25KG	25KG	35KG	40KG	53KG	60KG	75KG

注：202：没有鼓风装置 101：有鼓风装置 XCT：高温箱 A：智能数显 S：不锈钢内胆

D：具有独立超温保护功能
Note: 202: No blower device 101: There is blower device XCT: High temperature box A: Smart digital display S: Stainless steel liner D: Has independent over-temperature protection function



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SL-250A	SL-350A	SL-450A	SL-550A	SL-750A
工作室尺寸(高×宽×深) Studio size High*width*deep	250 × 250 × 250	350 × 350 × 350	450 × 450 × 450	550 × 550 × 450	750 × 650 × 550
外型尺寸(高×宽×深) Outer diameter High*width*deep	440 × 480 × 390	680 × 680 × 490	580 × 670 × 510	680 × 770 × 510	820 × 900 × 670
工作电压 V Working voltage	220 V				380 V
输入功率 ≤KW Input power	0.8	2.0	1.2	2.0	3.0
工作温度 °C Working temperature	RT+10~300				
加热介质	不锈钢发热管				
波动温度 Fluctuation temperature	±1				
净重 Net weight(KG)	35KG	43KG	56KG	62KG	78KG

卧式智能鼓风干燥箱

HORIZONTAL INTELLIGENT BLAST DRYER

卧式数显控温仪，水平强迫对流，镜面不锈钢内胆，隔板任意调节，双层钢化玻璃或观察窗，进出风量调节

Horizontal digital display temperature controller, horizontal forced convection, mirror stainless steel liner, partition arbitrary adjustment, double layer tempered glass or observation window, in and out of the air volume adjustment.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	工作室尺寸 宽*深*高(mm)	外形尺寸 宽*深*高(mm)	主要技术参数	净重 Net weight(KG)
DGG-9030A	340*320*320	620*530*490	室温 (+10°C~250°C) 温度波动度 <±1.0°C	30
DGG-9070A	450*400*450	740*618*630		55
DGG-9140A	550*450*550	840*670*730		75
DGG-9240A	600*500*750	880*720*930		93
DGG-9420A	640*585*1355	780*750*1880		108
DHG-9023A	300 × 300 × 275	580 × 470 × 445	室温 (+10°C~200°C) 温度波动度 ±0.5°C	28
DHG-9053A	420 × 350 × 350	710 × 520 × 520		50
DHG-9123A	550 × 350 × 550	830 × 530 × 720		73
DHG-9203A	600 × 550 × 600	880 × 740 × 790		91





XCT 系列数显高温鼓风干燥箱

XCT SERIES DIGITAL DISPLAY HIGH TEMPERATURE BLAST DRYER

XCT系列数显高温鼓风干燥箱, 广泛应用于生物化学、化工制药、医疗单位、工矿企业、大专院校、科研等领域, 作物品干燥、烘焙、淬火、消毒和灭菌用。

XCT series digital display high temperature air drying oven is widely used in biochemistry, chemical and pharmaceutical industry, medical treatment units, industrial and mining enterprises, colleges and universities, scientific research and other fields, as drying, baking, quenching, disinfection and sterilization.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	XCT-0	XCT-1	XCT-2	XCT-3
工作室尺寸(高×宽×深) Studio size (H*W*D)	450 × 450 × 350	550 × 550 × 450	750 × 600 × 500	1000 × 800 × 800
外型尺寸(高×宽×深) Outer diameter (H*W*D)	740 × 720 × 580	840 × 820 × 680	1050 × 970 × 730	1400 × 1200 × 1050
工作电压 V Working voltage	220 V	220 V	380 V	380 V
输入功率 ≤ KW Input power	3.0	5.0	7.0	12.0
工作温度 °C Working temperature	RT+10~500	RT+10~500	RT+10~500	RT+10~500
波动温度 Fluctuation temperature	±1	±1	±1	±1
净重 Net weight(KG)	65KG	75KG	85KG	95KG

数显式电运风干燥箱

ELECTRIC THERMOSTATIC DRYING OVEN

电热恒温干燥箱主要用于物品的烘焙、干燥、热处理和加热。工农业生产、科学研究、医疗等单位实验室均可使用。

Electric thermostatic drying oven is mainly used for baking, drying, heat treatment and heating of articles. Industrial and agricultural production, scientific research, medical and other units can be used.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	工作室尺寸 高×宽×深	外径 高×宽×深	工作电压 V	输入功率 ≤KW	工作温度 °C	波动温度
SL-100A	1000 × 600 × 500	1750 × 1130 × 700	380	6	RT+5~250	±1
SL-110A	1100 × 700 × 600	1850 × 1230 × 800	380	8	RT+5~250	±1
SL-120A	1200 × 900 × 800	2000 × 1450 × 1000	380	12	RT+5~250	±1

注: A: 智能数显 S: 不锈钢内胆 Digital display industrial air drying box

非标定制干燥箱

NON-STANDARD CUSTOM DRYING OVEN

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SL101-4A	SL101-5A	SL101-6A
工作室尺寸(高×宽×深) Studio size (H*W*D)	1000 × 800 × 800	1000 × 1000 × 1000	1300 × 1100 × 1000
外型尺寸(高×宽×深) Outer diameter (H*W*D)	1300 × 1210 × 1000	1300 × 1400 × 1140	1400 × 1200 × 1050
工作电压 V Working voltage	380 V	380 V	380 V
输入功率 ≤ KW Input power	6.0	9.0	12.0
工作温度 °C Working temperature	RT+50~300	RT+50~280	RT+10~250
波动温度 Fluctuation temperature	±1%	±1%	±1%

注: 带“S”为不锈钢内胆材质 The "S" is made of stainless steel liner





CLD陶瓷砖抗冻性试验机 (陶瓷冻融试验箱) CLD CERAMIC TILE FROST RESISTANCE TESTER

本仪器适用于测量陶瓷砖抗冻性的专用设备，仪器符合GB/3810.12-2006以及ISO10545-12;1995陶瓷砖试验方法：抗冻性的测定要求。

This instrument is applicable to special equipment for measuring the frost resistance of ceramic bricks. The instrument complies with GB/3810.12-2006 and ISO10545-12; 1995 Ceramic brick test method.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	CLD-300
工作温度调节 working temperature adjustment	-20°C~+20°C
试验区 Test area	600*600*300mm
控温精度 Temperature control accuracy	±1°C
试验方式 Test method	按设定试验次数自动循环完成。 Automatically complete the cycle according to the set number of tests.
电源 Power supply	220V50HZ
备有进水水源，出水管道/With water inlet, outlet pipe	
体积 Size (mm)	1470×820×1610
净重 Net weight(KG)	247KG

RSQ陶瓷抗热震性测定仪

RSQ Ceramic thermal shock resistance tester

该仪器适用于测量陶瓷砖抗热震性的专用设备，仪器符合国家标准GB/3810.9-2016以及国际标准ISO10545-9:1994陶瓷砖抗热震性测定、GB/T3298-2008日用陶瓷器抗热震性测定方法的要求，根据陶瓷砖吸水率小于10%，采用浸入法的试验方式，本仪器也适用于玻璃及其他硅酸盐制品、耐火材料的抗热震性、热稳定性的试验。

The instrument is suitable for measuring the thermal shock resistance of ceramic tiles. The instrument meets the requirements of national standard GB / 3810.9-2016, international standard iso10545-9:1994, GB / t3298-2008. According to the water absorption of ceramic tiles less than 10%, immersion method is used. This instrument can also be used to test the thermal shock resistance and thermal stability of glass and other silicate products and refractories.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	RSQ-06(半自动)	RSQ06-II(全自动)
炉体最高工作温度 Maximum working temperature of furnace body	300°C	
控温精度 Control accuracy	±5°C (300°C时)	
有效容积 Effective volume	300×300×300mm / 600×300×600 mm 两种规格任选(Two specifications optional)	
冷炉升温时间 Working temperature	60分钟 (由室温-300°C) ;	
冷料入炉温度回升时间 Heating time of cold furnace	5分钟 (300°C, 料重7kg)	
水槽控温范围 Temperature control range of water tank	15-50°C	
水温不均匀度 Water temperature nonuniformity	±2°C	
热料入水5分钟内温升 Temperature rise of hot material within 5 minutes after entering water	±4°C (料温300°C、7kg) ;	
自动循环次数 Number of automatic cycles	无	10次
电源 Power suppl	380V±10%, 50HZ±10%	
体积 Size (mm)	1490×1280×2140	1500×1270×2150
净重 Net weight(KG)	538KG	580KG

半自动仪器带有电动提升下降装置，只需按下按键即可转移物料。另铝盘及铝粒为选配项，做非浸没实验用，如需另选配。
The semi-automatic instrument is equipped with an electric lifting and descending device, which can transfer materials by pressing the key. In addition, aluminum plate and aluminum particles are optional items for non immersion experiment.



SMZ多功能搅拌机

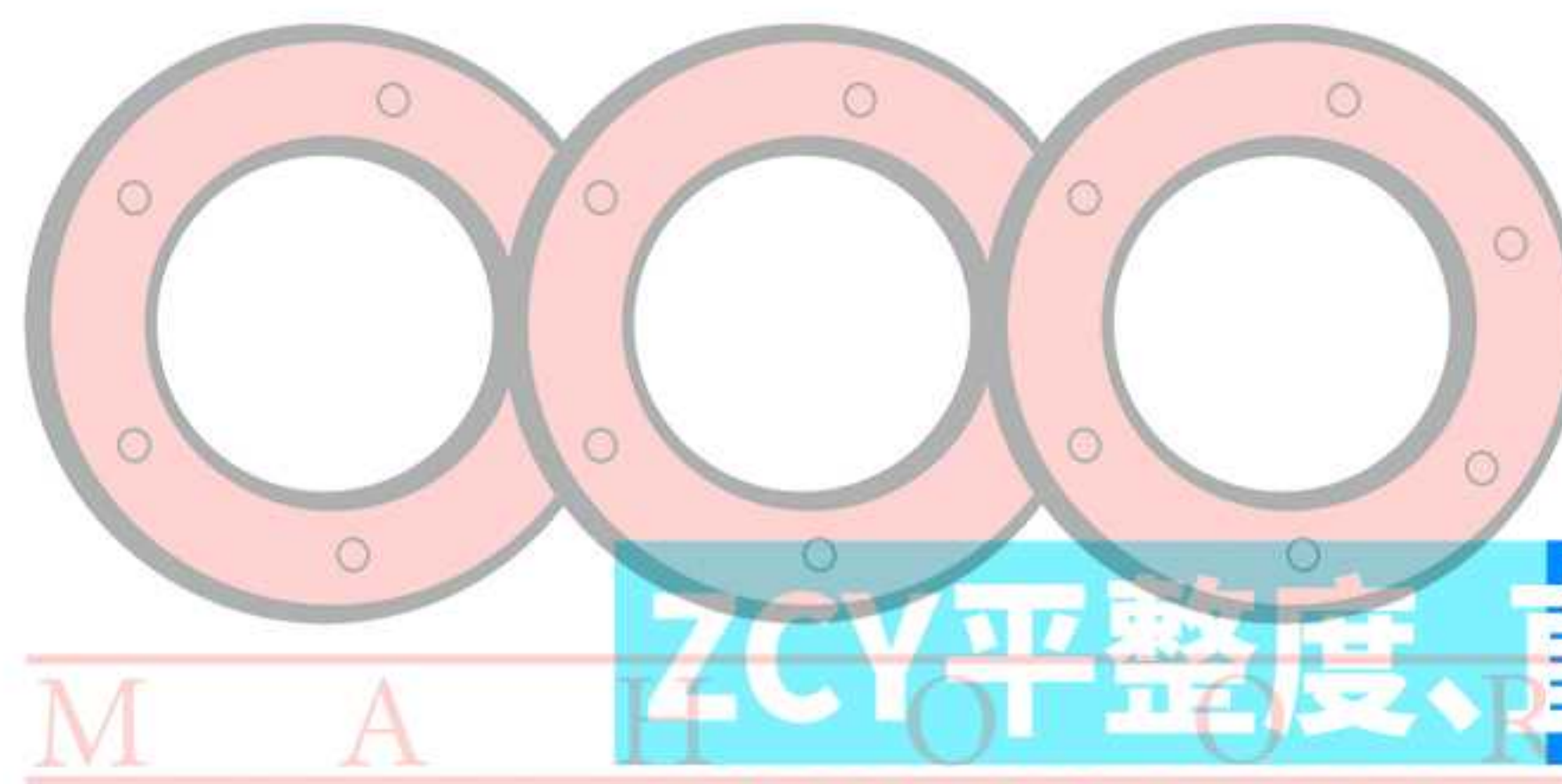
SMZ MULTI FUNCTION MIXER

该机具有3档位调节 工作稳定、运行平稳 坚固耐用 标配：不锈钢桶

The machine has three gear adjustment Stable operation、sturdy and durable; Standard: stainless steel barrel

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SZM-10	SZM-15	SZM-20	SZM-30	SZM-40	SZM-50	SZM-60
使用电源 Power supply	AC220V50Hz			AC220V/380V50Hz			
输入功率≤KW Input power	0.5KW	0.5KW	1.1KW	1.25KW	2.2KW	2.6KW	3.5KW
搅拌轴转速 Mixing shaft speed(rpm)	360/164	360/164	360/166/100	308/136/83	292/168/88	288/132/82	288/132/82
体积 Size(mm)	460x410x600	520x400x630	530x410x780	600x620x890	700x550x990	870x600x170	900x620x1250
净重 Net weight(KG)	48KG	51KG	70KG	78KG	145KG	248KG	265KG



ZCY平整度、直角度、边直度综合测定仪

ZCY COMPREHENSIVE TESTER FOR FLATNESS, RIGHT ANGLE AND EDGE STRAIGHTNESS

该仪器适用于测定各种墙面砖、地面砖尺寸及形状特性之仪器，其所测参数包括面砖的边直度、直角度、平整度（中心弯曲度、边弯曲度、翘曲度）等几项指标。本产品符合：GB/T3810.2-2016以及ISO 10545-2-1995《陶瓷砖-尺寸和表面质量的检验》的要求。

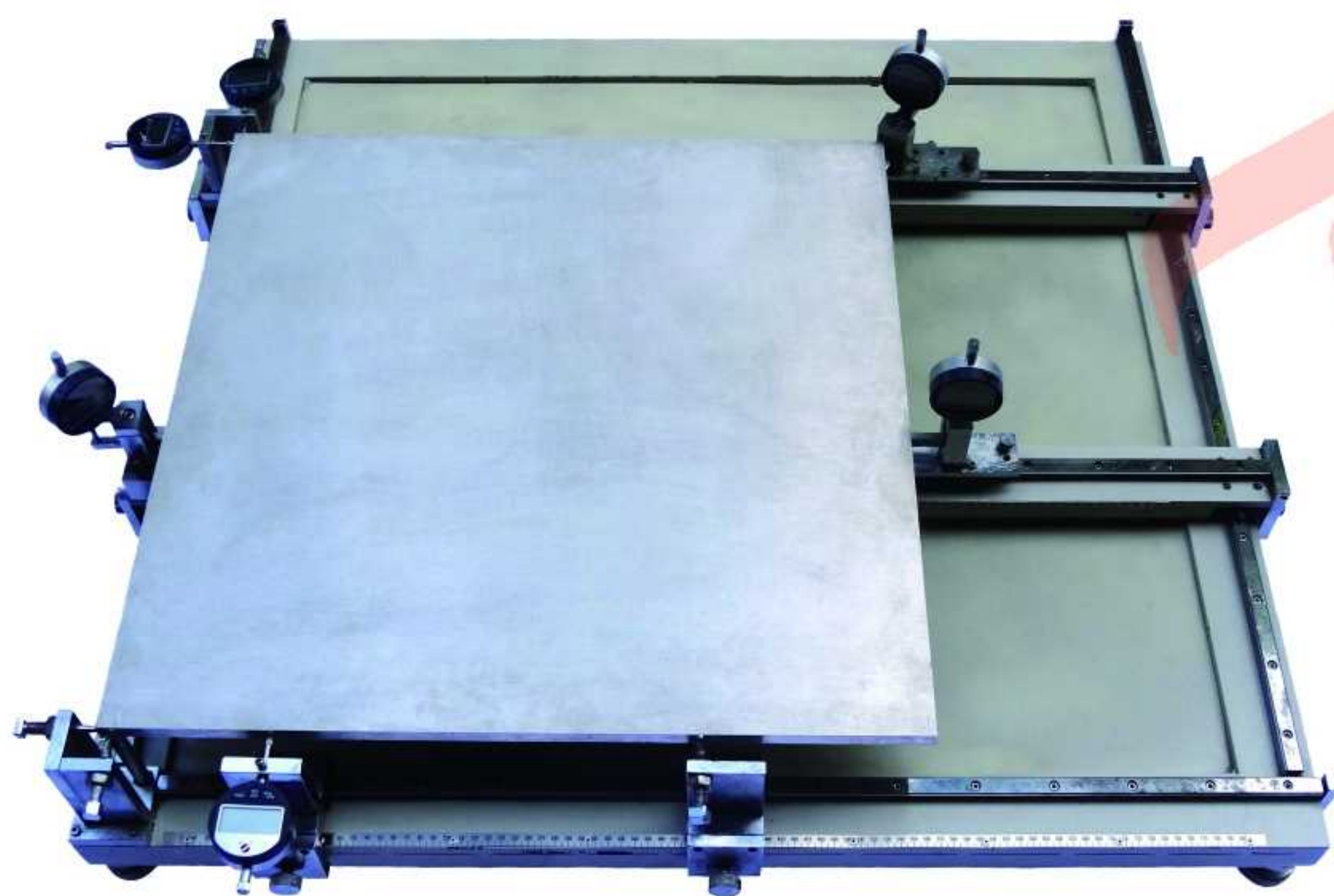
This instrument is suitable for measuring the size and shape characteristics of various wall tiles and floor tiles ; instrument is suitable for measuring the size and shape characteristics of various wall tiles and floor tiles(center curvature, edge curvature, warpage) and other indicators; This product meets the requirements of GB / t3810.2-2016 and ISO 10545-2-1995 ceramic tiles - Inspection of dimensions and surface quality.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	ZCY-600	ZCY-800	ZCY-1000
试样范围 mm Sample range	600×600	800×800	1000×1000
智能计算 Intelligent Computing	无		
误差 Error	±1.0%		
测量精度 Measurement accuracy	±0.1mm		
体积 Size (mm)	950×850×330	1020×1090×340	1320×1220×340
净重 Net weight(KG)	108KG	172KG	305KG

选购件：标准板的尺寸与测试样品的尺寸一对一，也可按客户要求订制各种规格。

Options: The size of standard plate and test sample is one to one, and various specifications can be customized according to customer





KY-LM 陶瓷砖釉面耐磨试验仪

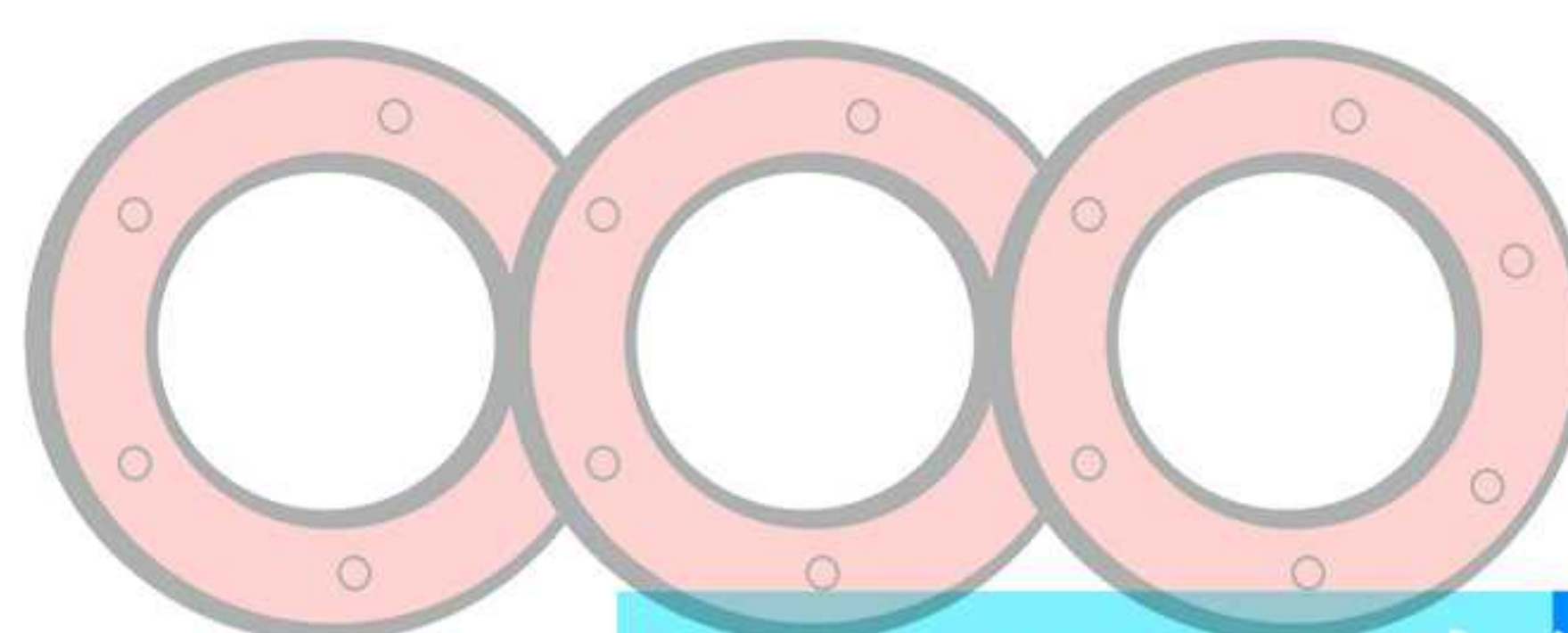
KY-LM CERAMIC TILE WEAR-RESISTANT TESTER

KY-LM陶瓷砖釉面耐磨试验仪主要用来测定陶瓷砖釉面表面的耐磨强度，适用于所有釉面陶瓷砖产品的生产企业、国家质量检测部门、科研院所检测和科研等行业。本机符合国家标准 GB / T3810.7-2006《有釉砖表面耐磨性的测定》中对试验设备的要求。

KY-LM ceramic tile wear-resistant experimental instrument is mainly used to determine the wear strength of the ceramic tile surface. It is suitable for all the manufacturing enterprises, the national quality inspection department, the scientific research institute and other industries. This machine conforms to the national standard GB/T3810.7-2006 requirements for test equipment in the determination of wear resistance of glazed tiles.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-LM-8
磨片尺寸 Grinding size	100X100 (mm)
转数设定范围 Rotation setting range	300~30000
转盘速度 Turntable speed	300r/min
工作电压 Operating Voltage	380V(三相四线)
体积 Size (mm)	1070×770×735
净重 Net weight(KG)	135KG



KY-WM 陶瓷砖无釉耐磨试验仪

KY-WM CERAMIC TILE UNGLAZED WEAR-RESISTANT TESTER

本试验机符合国际标准ISO10545-6: 1995《陶瓷砖无釉砖耐磨深度的检验》、国标GB/T 3810.6-2006《无釉砖耐磨深度的测定》、GB/T12988-1991《无机地面材料耐磨性试验方法》中对试验仪器的要求。

The test machine is in conformity with the international standards of international standard ISO10545-6:1995 the inspection of the wear-resistant depth of ceramic tile unglazed brick, GB / GB / T / 31. 6 - 2006 "determination of the wear-resistant depth of unglazed brick", GB / T 12 9. 8 - 1, "test method for wear resistance of inorganic ground materials".



主要技术参数 / MAIN TECHNICAL PARAMETERS

技术项目 Technical project	技术参数 Power
转速 Rotating Speed	75rpm
直径 Diameter	200 ± 0.2mm
厚度 Thickness	10 ± 0.1mm (无釉砖试验用) 70 ± 0.1mm (水泥砖试验用)
硬度 Hardness	HB203~245当钢轮使用到φ199mm时必须更换。
磨料下落速度 Abrasive Drop Speed	按无釉砖试验标准 (无釉砖试验) 1L / min (水泥砖试验)
料斗容积 The Hopper Volume Is Greater	大于5L
体积 Size (mm)	800 × 510 × 890
净重 Net weight(KG)	75KG



KY-PY热膨胀系数测定仪

KY-PY THERMAL EXPANSION COEFFICIENT TESTER



该仪器是用于测定在高温状态金属材料、陶瓷、玻璃、釉料、耐火材料以及其它非金属材料在受热焙烧过程中的膨胀和收缩性能，仪器参考标准：GB/T3810.8-2006对陶瓷砖线性热膨胀的测定，GB/T16920-1997对玻璃平均线热膨胀系数的测定，GB/T3074(1).4-2003对石墨电极热膨胀系数的测定，GB/T 7320-87《耐火制品热膨胀试验方法》。

The instrument is used to determine the expansion and contraction properties of metal materials, ceramics, glass, glazes, refractories, and other non-metallic materials during hot roasting at high temperatures. Instrument Reference Standard: GB/T3810.8-2006 for Ceramics Determination of linear thermal expansion of bricks, GB/T16920-1997 Determination of average coefficient of thermal expansion of glass, GB/T3074(1).4-2003 Determination of coefficient of thermal expansion of graphite electrodes, GB/T 7320-87 "Test method for thermal expansion of refractory products"

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KY-PY-1000	KY-PY-1400	KY-PY-1600
最高炉温 Highest Temperature	1000℃	1400℃	1600℃
升温速度 A Speed	0-20度/分可调，微电脑程序控温，控温精度 ±1℃；		
测定变形范围 Deformation Range	±2.5mm。		
传感器灵敏度 Sensor Sensitivity	0.1um，测量精度0.5 um，自动校正量程		
试样尺寸 The Sample Size	Φ6~10×50mm、10×10×50mm		
系统测量误差 Systematic Measurement Error	±0.1-0.5%		
电源/功率 Power/power	220V/2KW		
KY-PY智能膨胀仪连计算机自动控温、记录、存储、打印数据，打印温度-膨胀系数曲线。 所有试验操作均由计算机界面完成，操作方便易学并提供全套软件 KY-PY Intelligent Dilatometer with computer automatic temperature control, recording, storage, printing number, printing temperature-expansion coefficient curve. All test operations are completed by a computer interface, easy to operate and provide a full set of software.			
体积 Size (mm)	1140×420×650	1130×410×660	1140×360×640
净重 Net weight(KG)	83KG	85KG	85KG

KY-TKL陶瓷砖釉面抗龟裂蒸压釜

KY-TKL ANTI CRACKING AUTOCLAVE FOR CERAMIC TILE GLAZE



本机符合国家标准GB/T3810.11-2006《陶瓷砖试验方法—有釉砖抗釉裂性的测定》对试验设备的要求。该设备具有结构简单，压力控制精度高，噪声，运行可靠等特点。由于装有定时响鸣装置，操作者只需接通电源、不进行任何调整和监视，升压、保压按程序自动完成。

This machine meets the requirements of the test equipment for the national standard GB/T3810.11-2006 Test Method for Ceramic Tiles - Determination of Glazing Crack Resistance of Glazed Tiles. The equipment has the advantages of simple structure, high pressure control accuracy, squeaking, reliable operation and so on. Due to the provision of a time-warping device, the operator only needs to turn on the power, do not perform any adjustments and monitoring, and the step-up and hold-pressure are automatically completed according to the procedure.

主要技术参数 / MAIN TECHNICAL PARAMETERS

技术项目 Technical project	KY-TKL	KY-TKL
容器内腔尺寸 Container Cavity Size	500×500 mm	300×300 mm
工作压力 Working Pressure	0-1.0MPa	0-1.0MPa
压力精度 Pressure Accuracy	1.0MPa±0.02MPa	1.0MPa±0.02MPa
升压时间 Boost Time	最大功率时不大于1小时	最大功率时不大于1小时
试验时间 Test Time	数字显示，并按试验要求设定	数字显示，并按试验要求设定
最大加热功率 Maximum Heating Power	5KW	5KW
设备外形尺寸 Equipment Dimensions	1480×890×1470 mm	1310×700×1100 mm
电源 Power Supply	AC50Hz 380V	AC50Hz 380V
净重 Net weight(KG)	280KG	165KG



JA陶瓷印花釉料精细快速精磨机（机械升降、液压升降）

JA CERAMIC PRINTING GLAZE FINE FAST GRINDING MACHINE

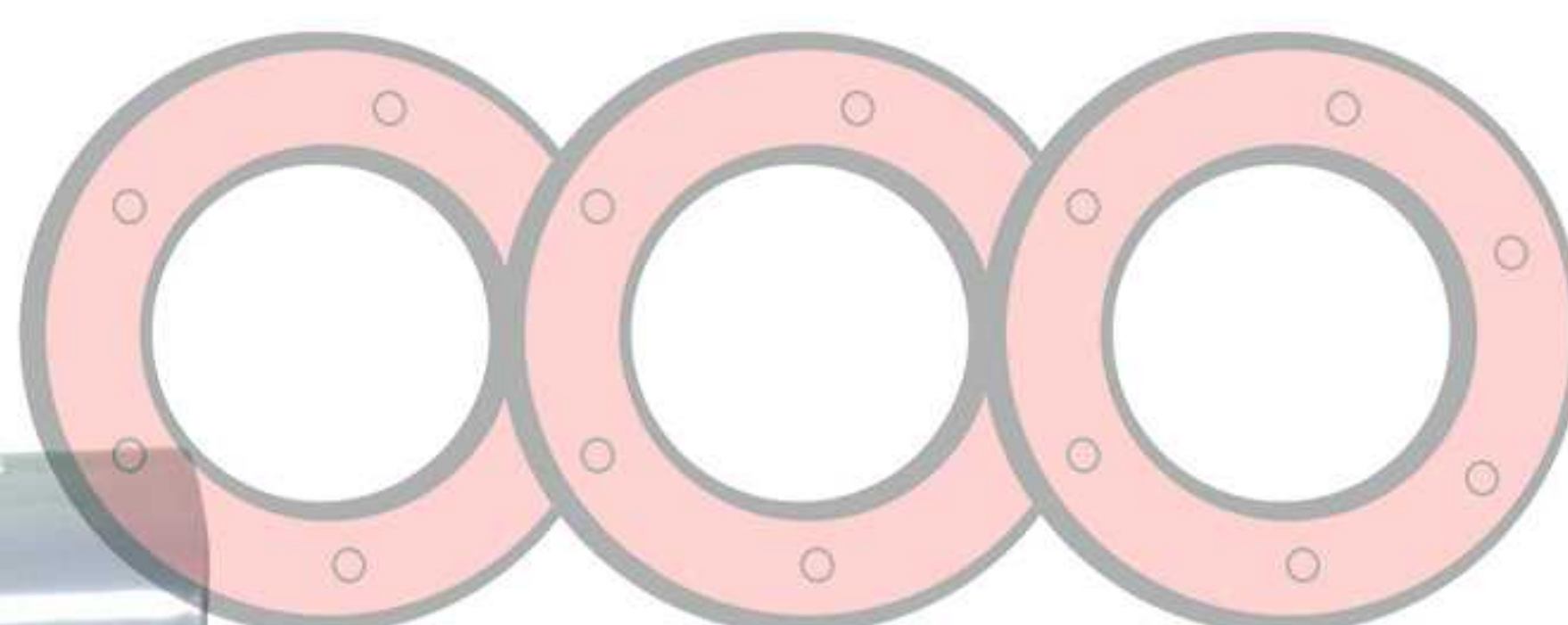
篮式设计，彻底改变传统研磨模式；篮体升降设计，方便装卸研磨材料；可用恒温系统精确控制测量物料温度旋缸刮缸设计，物料不粘壁，研磨更彻底均匀。

Basket design completely changes the traditional grinding mode; Basket lifting design for easy handling of abrasive materials; Constant temperature system can be used to accurately control the measured material temperature; The design of rotary cylinder scraping cylinder, material is not sticky wall, and grinding is more thorough and even.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	功率 (KW) Power (KW)	容积 Capacity	工作行程 Work plan	尺寸 (长×宽×高) Size (length x width x height)
JA-7.5	机械 (M) 9	100	700	1500*700*2200
	液压 (H) 10	100	800	1550*750*1750
JA-11	机械 (M) 14	150	800	1650*800*2500
	液压 (H) 14	150	1000	1750*800*1750
JA-15	机械 (M) 18	200	800	1650*800*2500
	液压 (H) 18	200	1000	1750*800*1750
JA-18.5	机械 (M) 21.5	300-400	1000	1850*800*2500
	液压 (H) 21.5		1000	1900*850*2050
JA-22	机械 (M) 21.5	300-500	1000-1200	1850*800*2500
	液压 (H) 25			1900*900*2050



粘度计 VISCOMETER

用于测量液体的粘性阻力与液体的动力粘度。广泛应用于测定油脂、油漆、食品、涂料、造纸、化妆品、化工、胶囊胶粘剂及药物等各种液体的粘度。

Viscometer used to measure the viscous resistance of liquids and the dynamic viscosity of liquids. It is widely used to determine the viscosity of various liquids such as oils, paints, foods, coatings, paper, cosmetics, chemicals, capsule adhesives and drugs.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	旋转型NDJ-1	数显式NDJ-5S	数显式NDJ-8S
测量转子 Measuring rotor	1#、2#、3#、4#	1#、2#、3#、4#	1#、2#、3#、4#
测量转速 (转/分钟) Measuring speed	6、12、30、60	6、12、30、60	0.3、0.6、1.5、3、6、12、30、60
测量范围 Measuring range	10-100000mPa.s	1-100000mPa.s	1-200000mPa.s
测量误差 Measurement error	± 5%	± 2%	± 2%
电源 Power supply	220V ± 10% 50Hz ± 1Hz		
体积 Size (mm)	290 × 300 × 550		
净重 Net weight(KG)	5KG		

EP系列鄂式破碎机

EP SERIES JAW CRUSHER



适用于煤碳、电力、冶金、化工、建材、地质、环保、科研等行业和部门破碎煤炭、矿石、岩石或其它中等古硬度物料。破碎比较大，出料粒度可调，实现一段破碎代替多段破碎，应用范围广。出料粒度均匀，制样效率高。操作维护简单，运行平稳，粉尘少，振动小，噪声低。

Suitable for coal, carbon, electricity, metallurgy, chemical industry, building materials, geology, environmental protection, scientific research and other industries and sectors, crushing coal, ore rock, or other medium-hard materials. The crushing is relatively large, the size of the discharged material is adjustable, and a piece of crushing is realized instead of multi-stage crushing, and the application range is wide. Out of uniform particle size, high sample preparation efficiency. Simple operation and maintenance, stable operation, less dust, less vibration and low noise.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	EP-1	EP-2
进料口尺寸 (mm) Inlet size	100*60	150*100
进料粒度(mm) Feed grain size	≤50	≤80
出料粒度(mm) Grain size	6-10可调	1-6可调
电机功率(KW) Motor power	1.5	3
工作电源(V) Working power supply	三相380V, 50HZ±1HZ	三相380V, 50HZ±1HZ
整机重量(KG) Weight	125KG	360KG
外形尺寸 (长×宽×高) mm Shape size	750*370*480	920*470*1080

锤式破碎机

主要用于对原材料的中碎和细碎。如煤、煤矸石、焦炭、石灰石、硫矿石、磷矿石等物料的破碎。其破碎方式为对辊挤压式。被破碎物料应为脆性，破碎后的物料形状呈规则的片状居多，被破碎物料的抗压强度不超过60MPa，3级硬度。物料含水量超过6%会出现颗粒粘结。

适用于地质、冶金、建材、化工、煤碳、选矿、科研院所、大专院校等单位的化验室、实验室破碎各种中等和低等硬度的矿石或岩石之用

Mainly used for medium and fine crushing of raw materials. Such as coal, coal gangue, coke, limestone, sulfur ore, phosphate rock and other materials broken. The crushing method is a pair of roll extrusion type. The material to be crushed should be brittle, and the shape of the broken material is mostly in the form of a regular sheet. The compressive strength of the crushed material does not exceed 60 MPa, and the hardness is grade 3. Particle bonding occurs when the moisture content of the material exceeds 6%.

Suitable for use in geology, metallurgy, building materials, chemical, coal, mineral processing, research institutes, universities and other units of laboratories, laboratories, crushing various medium and low hardness ores or rocks

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	SL-P3
进料粒度 Feed particle size	<13mm
电机功率 Motor power	1.5KW
出料粒度 Discharge size	3MM
生产能力 Production capacity	0.2-0.5T/H
外形尺寸 Dimensions	800*400*800mm
净重 Net weight(KG)	85KG





制样粉碎机

SAMPLE CRUSHER

本机适用于地质、矿山、冶金、煤炭、粮食、药材等行业取样化验的粉碎制样设备。
This machine is suitable for smashing sample preparation equipment for geological sampling, metallurgy, coal, grain and medicinal materials.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	FM-1	FM-2	FM-3
工作电压(V) working voltage		380/50HZ	
额定功率(KW) Rated power		1.1	
进料粒度(mm) Feed grain size		≤10	
出料粒度(目) Grain size		80-200	
料体硬度 Material hardness		HRC30-35	
冲击值 Impact value		J/cm ² ≥39.2	
接线 connection		三相四线	
外型尺寸(深*宽*高) Outer size		530*450*670	
净重(KG) Net weight		120	
毛重(KG) Gross weight		130	



TYT-UPB系列纯水机

TYT-UPB SERIES PURE WATER MACHINE

始终秉承将城市自来水直接制备出符合国标GB6682-2008的超纯水的设计理念, 更适合水质硬度高的地区使用, 科学实验的好伙伴。

电源: 220v, 50Hz; 设备工作电压: DC24v, 功率: 30W~300W(按机型有差别); 水源: 市政自来水(进水水质TDS<400mg/L, 进水压力: 0.1-0.5Mpa), 符合国标GB5749-2006的自来水。

反渗透脱盐率: ≥99%; PID控制程序, 具有设定取水时间功能。微电脑控制, 无人值守; 水源无水不开机, 断水自动停机, 压力桶水满自动停机, 压力桶缺水自动开机。

It is always adheres to the design concept of preparing ultra-pure water in line with the national standard GB6682-2008, and is more suitable for use in areas with high water hardness and good partners for scientific experiments.

Power: 220v, 50Hz; equipment working voltage: DC24v, power: 30W~300W (depending on the model); Water source: municipal tap water (influent water quality TDS<400mg/L, inlet pressure: 0.1-0.5Mpa), in line with the national standard GB5749-2006 tap water.

Reverse osmosis desalination rate: ≥99%; The PID control program has the function of setting the water intake time. Microcomputer control, unattended; water source does not start without water, water shutoff automatically stops, pressure tank water is automatically shut down, pressure bucket water shortage automatically starts.

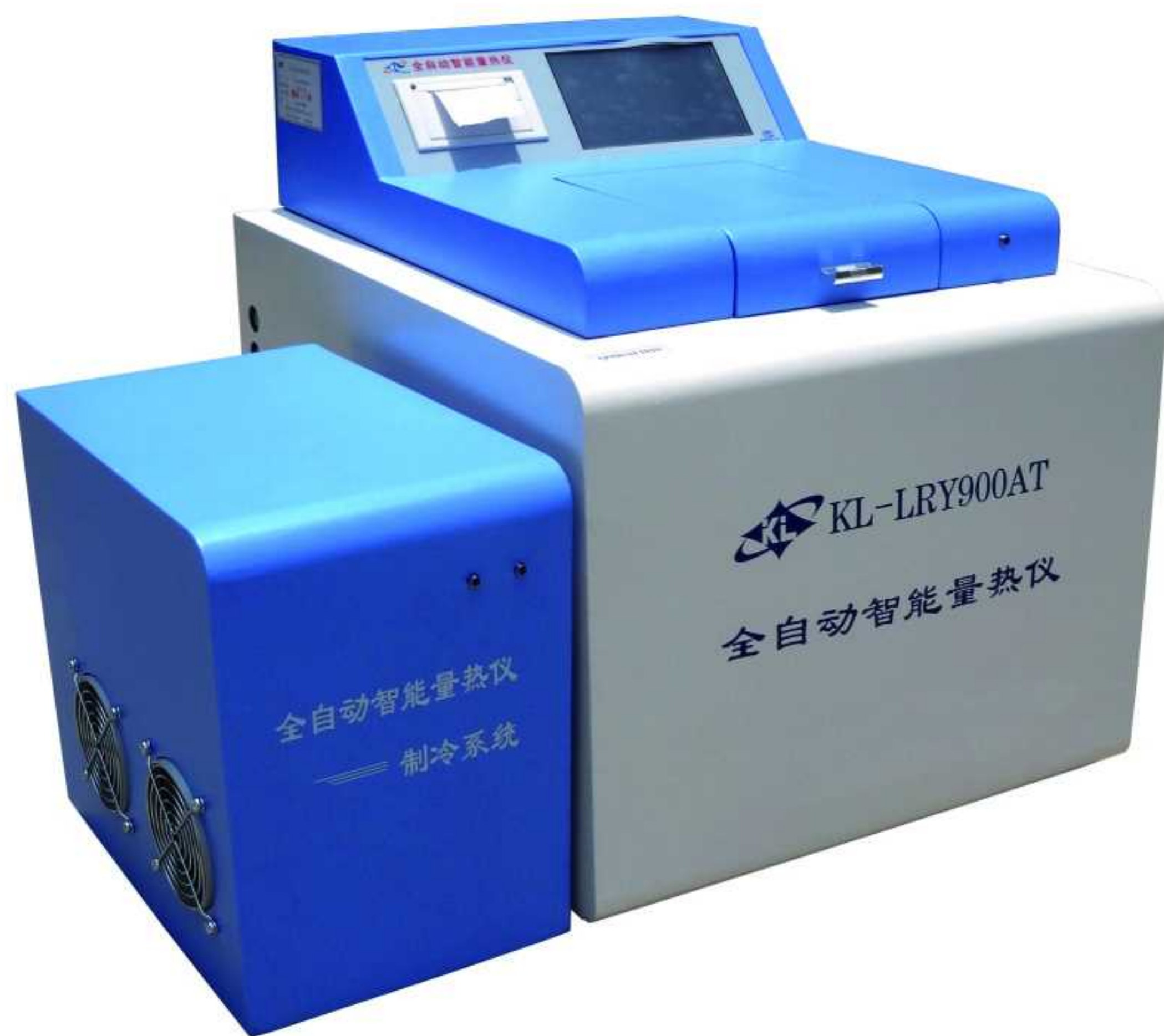
主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	TYT-UPB-10L	TYT-UPB-20L
产水量: 升/小时 Water production: liter / hour	10	20
RO和UP取水流速: 升/分钟 RO and UP water withdrawal rate: liters / minute	1-1.8 (储水桶有水时)	
电阻率 (25℃) Resistivity (25℃)	18.25MΩ .cm	
TOC(与进水水质相关) TOC (related to influent water quality)	<10ppb.	
金属阳离子 Metal cation	Fe、Al、Cr、Ni、Cu<0.005ppb, Zn、K<0.02ppb,Na<0.01ppb	
可溶性硅 Soluble silicon	<0.01	
颗粒物(>0.2 μ m) Particulate matter (>0.2 μ m)	<1/ml.	
重金属离子 heavy metal ion	<0.1ppb	
微生物 microorganism	<1CFU/ml	



LRY-900AT 全自动智能热量仪

LRY-900AT FULLY AUTOMATIC INTELLIGENT CALORIMETER



采用大屏幕彩色触摸屏，界面直观信息量大、操作便捷。
 自动注水、自动放水、自动搅拌、自动点火，不需调水温，只需装好氧弹，微机即自动完成全部测试工作，并自动计算贮存数据，打印测试结果。
 结构合理，制作精良，结果准确，故障率低。
 箱体采用 ICr18Ni9Ti 不锈钢打造，三层结构模具成型，全氩弧焊焊接。杜绝漏水和渗水问题。具有点火系统自动检测功能，光电提示导通状态。

Large-screen color touch screen, intuitive interface, large amount of information, convenient operation. Automatic water injection, automatic water discharge, automatic stirring, automatic ignition, no water temperature adjustment, only need to install oxygen The missile will automatically complete all test work and automatically calculate the stored data and print the test results.
 Reasonable structure, excellent production, accurate results, low failure rate.
 The box is made of ICr18Ni9Ti stainless steel, and the three-layer structure is moulded and welded. Eliminate leakage and seepage problems.
 It has the function of automatic detection of the ignition system, and the photoelectricity prompts the conduction state.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	LRY-900AT(汉显)	LRY-2000(微机)
测温范围 Measuring range	5°C-40°C	5°C-50°C
温度测量分辨率 Measuring resolution	0.001K	
精密度 precision	≤0.1%	
具有声响提示、故障显示、报警提示等功能		
体积 Size (mm)	800×600×510	
净重 Net weight(KG)	35KG	

KL-WDL10Y 智能一体测硫仪

KL-WDL10Y INTELLIGENT ORGANIC SULFUR MEASURING INSTRUMENT



采用嵌入式微电脑作为智能控制核心，数字化电路，智能化控制。自动送样、自动电解测量，自动计时，自动判定测试终点，自动打印测试结果，自动刷新和存储试验数据，便于查阅分析。全硫含量测试范围内线性均匀一致，不用修正。
 采用 PID 温控技术，控温准确，升温快，有效延长硅炭管使用寿命。
 采用独特的数据采集电路和多极校正，测试精密度和准确度优于 GB/T214-2007 标准要求。

The use of embedded microcomputers as the core of intelligent control, digital circuits, intelligent control. Automatic sample feeding, automatic electrolytic measurement, automatic timing, automatic determination of the end point of the test, automatic printing of test results, automatic refresh and storage of test data, ease of reference analysis.
 The total sulfur content is linear within the test range without correction.
 The use of PID temperature control technology, accurate temperature control, rapid heating, and effectively extend the life of silicon carbon tube.
 Using a unique data acquisition circuit and multi-pole calibration, test precision and accuracy are better than those of the GB/T214-2007 standard.

主要技术参数 / MAIN TECHNICAL PARAMETERS

项目 Project	参数 Parameter
测硫范围 Range Of Sulfur Measurement	0~100%
测硫分辨率 Resolution Of Sulfur Measurement	0.001%
测试时间 Test Time	3 ~ 7min/ 个 (依试样种类和重量而定)
最高炉温 Maximum Furnace Temperature	1150°C
控温精度 Control Accuracy	≤ ±2°C
重复性、准确度 Repeatability And Accuracy	优于国标要求
试样重量 Sample Weight	40-60mg



水份测定仪

MOISTURE ANALYZER



主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	XY-110MW	XY-105MW	XY-102MW	XY-100MW	XY-200MW
最大称量 Range(g)	110g				200g
读数精度 Readability(g)	0.01g	0.005g	0.002g	0.001g	0.001g
使用温度 Operating Temp.Range	5°C - 35°C				
显示屏 Display	液晶 LCD				
校准方式 Calibration	外部校准 External				
秤盘尺寸 Pan size(mm)	Φ90				
加热方式 Heat source	卤素灯 Halogen lamp				
温度范围 Temp.range	40°C - 199°C				
温度间隔 Temp.step	1°C				
水分范围 Moisture range	0.0%-100%	0.00%-100%			
水分可读精度 Moisture readability	0.1%	0.01%			
干燥剩余范围 Dry residual range	100.00%-0.00%				
干燥剩余可读 Dry residual readability	0.2%	0.1%	0.04%	0.01%	
温度设定 Temperature setting	40°C - 199°C by 1°C step				
时间设定 Time setting	1-99min by 1s step				
自动停止 Auto stop	0.1%-9.9% within 1 min				
外观尺寸 Dimensions(W*L*H)	200x180x380				
产品重量 Weight(Kg)	5.8kg				

煤灰挥发分炉

ASH VOLATILIZATION FURNACE

本仪器采用微处理器作为控制中心，触摸键盘输入。煤质化验时，能严格按照国标 GB212、GB5447、GB5449 有关规定，自动完成慢灰、快灰、粘结指数、挥发分等测定，适用于煤炭、电力、化工、冶金、水泥、地质勘探和医药、科研等行业和部门进行工业分析。

The instrument uses microprocessor as control center, touch keyboard input. In the coal quality test, it can automatically complete the determination of slow ash, fast ash, caking index and volatile matter in strict accordance with the relevant provisions of national standards GB212, GB5447, GB5449; It is suitable for coal, electric power, chemical industry, metallurgy, cement, geological exploration, medicine, scientific research and other industries and departments for industrial analysis.

主要技术参数 / MAIN TECHNICAL PARAMETERS

型号 Specifications	
测温范围 Measuring temperature range	0°C ~ 1000°C ± 3°C
测温精度 Temperature measurement accuracy	配用 I 级精度 K 型热电偶 precision K-type thermocouple
控温精度 Control accuracy	± 10°C (250°C ~ 1000°C 范围内)
热电偶 Thermocouple	热电偶 (分度号 K) thermocouple (Grade K)
电压 Voltage	AC220V ± 22V 50Hz ± 1Hz
功率 Power	3.5-4kW





精密电子分析型天平

PRECISION ANALYTICAL BALANCE

精密电子分析型天平实现新一代数字化线路方案,运用多层线路板集成技术, 导入诸多程序应用方案, 多重智能滤波技术, 全程温度补偿及多点线性修正兼容方案。广泛满足使用客户对精密称重的高端诉求。

Precision Analytical Balance realizes a new generation of digital circuit solutions and uses multi-layer circuit board integration technology, introducing many program applications with multiple intelligent filtering technologies and full temperature compensation and multi-point linear correction compatible solutions. It widely meets the high-end demands of customers for precision weighing.



主要技术参数 / MAIN TECHNICAL PARAMETERS					
规格型号 Specifications	JA1003	JA2003	JA3003	FA114A	FA214A
最大称量 (g) Maximum weighing(g)	100g	200g	300g	110g	210g
精度 (mg) Accuracy (mg)	0.001	0.001	0.001	0.1mg	
重复性 (mg) Repeatability (mg)	±0.1g			±0.1mg	
线性 (mg) Linearity (mg)	±0.2g			±0.2mg	
秤盘尺寸 (mm) Pan Size (mm)	Φ115			Φ90	
体积 Size (mm)	190×310×290			190×310×290	
净重 Net weight(KG)	4.5KG			4.5KG	



电子秤

ELECTRONIC BALANCE

主要技术参数 / MAIN TECHNICAL PARAMETERS					
量程 Rate Capacity	精度 Accuracy	称盘尺寸 Pan Size	量程 Rate Capacity	精度 Accuracy	称盘尺寸 Pan Size
T100	0.1g	Φ 135	JJ500A	0.01g	19*20cm
T200	0.1g	Φ 135	JJ600A	0.01g	19*20cm
T300	0.1g	Φ 135	JJ1000A	0.01g	19*20cm
T500	0.1g	Φ 135	TC6K	0.1g	22*34cm
T1000	0.1g	Φ 135	TC8K	0.1g	22*34cm
JJ2000	0.1g	Φ 135	TC3KG	0.5g	22*34cm
JJ3000	0.1g	Φ 135	TC6KG	1g	22*34cm
JJ5000	0.1g	Φ 135	TC10KG	2g	22*34cm
JJ6000	0.1g	Φ 135	TC20KG	5g	22*34cm
JJ100	0.01g	Φ 135	TC30KG	5g	22*34cm
JJ200	0.01g	Φ 135	TJ3KG计数	0.1g	22*30cm
JJ300	0.01g	Φ 135	TJ6KG计数	0.2g	22*30cm
JJ500	0.01g	Φ 135	TJ15KG计数	0.5g	22*30cm
JJ600	0.01g	Φ 135	TJ30KG计数	1g	22*30cm
JJ1000	0.01g	Φ 135	60kg	1g	40*50cm
JJ2000B	0.01g	Φ 135	150kg	5g	40*50cm
JJ200A	0.01g	19*20cm	300kg	10g	40*50cm
JJ300A	0.01g	19*20cm	500kg	20g	40*50cm





SL-450 高频震动筛

SL-450 HIGH FREQUENCY VIBRATING SCREEN

该设备采用通用新型专用动力发生器，是共成设备公司为方便顾客来回移动作业面而设计的一种高效率、低噪音、小体积的小型振动筛分设备效率高、设计精巧耐用，任何粉类、粘液均可筛分、换网容易、操作简单、清洗方便。

This equipment adopts a universal new-type special power generator, which is a kind of high-efficiency, low-noise, small-volume small-sized vibration screening equipment designed by Co-production Equipment Company to facilitate the customers to move the work surface back and forth. The efficiency is high, the design is exquisite and durable, and any powder Class, mucus can be sieved, easy to change the net, easy to operate, easy to clean.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	SL-450	SL-600	SL-800	SL-1000	SL-1200
筛子直径 Sieve diameter	45cm	60cm	80cm	100cm	120cm
电机功率 Motor power	180W	370W	550W	750W	1100W
振动次数(次/分) Frequency of vibration	2800次/分				
电压 Voltage	380V50HZ				
套筛 Shaker	按客户需求提供筛网目数				
体积 Size (mm)	550 × 450 × 650		净重 Net weight(KG)	31KG	



8411 电动振筛机

8411 ELECTRIC VIBRATION SIEVE MACHINE

电动振筛机主要配套标准分样筛使用，代替手工筛，具有时间准，力度、频率均匀的特点。

The electric vibrating sieve machine operates with Standard sample sieves. Instead of the manual sieve, it has the features of accurate time, intensity, and frequency.

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	8411-200	8411-300	8411-400	
筛子直径 Sieve diameter	20cm	30cm	40cm	
电机功率 Motor power	180W	200W	300W	
筛子层数: Number of sieve layers	7层			
振动次数次/分 Frequency of vibration	1400次/分			
电压 Voltage	220V			
套筛 Shaker	20目~500目的规格任意挑选			
体积 Size (mm)	280 × 350 × 700		净重 Net weight(KG)	20KG



电动搅拌机 ELECTRIC MIXER

主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	JB50-D	JB90-D	JB200-D	JB300-D	JB450-D	JB500-D	JB1000-D	JB2000-D
使用电源 Power supply	AC220V50Hz							
输出功率 Input power	50W	90W	200W	300W	450W	500W	1000W	2000W
调速方法 Speed control method	调速有级				调速无级			
转速范围 Speed ranger/min	100-1300	100-1400	50-1200	50-1500	100-1500	100-1500	50-1500	100-1500

超声波清洗机

ULTRASONIC CLEANER

超声波清洗机广泛应用于表面喷涂处理行业、机械行业、电子行业、医疗行业、半导体行业、钟表首饰行业、光学行业、纺织印染等行业。

Ultrasonic cleaners are widely used in the surface coating industry, machinery industry, electronics industry, medical industry, semiconductor industry, watch and jewelry industry, optical industry, textile printing and dyeing industries.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KQ-50E	KQ-3200E	KQ-3200DE (数控)	KQ-5200E	KQ-5200DE
清洗槽尺寸(mm) Cleaning groove size	150×140×100	300×150×150	300×150×150	300×240×150	300×240×150
容量(L) Capacity	2	6	6	10	10
超声频率(KHZ) Ultrasonic frequency	40	40	40	40	40
超声功率(W) Ultrasonic power	50	150	150	200	200
加热功率(W) Heating power	无	500	500	500	500
温度可调(°C) Temperature adjustable	无	温室-80	温室-80	温室-80	温室-80
时间控制(Min) Time control	0-20/连续	0-20/连续	1-480/连续	0-20/连续	1-480/连续
网架 Grid	塑料	有	有	有	有
排水 Drain	无	有	有	有	有
降音盖 Sound Reduction Cover	无	有	有	有	有

KY-S20红外线固定式测温仪

KY-S20 INFRARED FIXED THERMOMETER

KY-S20系列红外线固定测温仪的处理电路和传感器集成在一起，具备基本测温功能。主要应用范围窑炉、加热炉、铁路、烟草、食品加工及包装机械的温度监测等。

KY-S20 Series Infrared Fixed Thermometer's processing circuit and sensor are integrated together, with the basic temperature measurement function. The main application scope is in temperature monitoring of the furnace, heating furnace, railway, tobacco, food processing and packaging machinery.

主要技术参数 / MAIN TECHNICAL PARAMETERS

技术项目 Technical project	KY-S20
电源 Power supply	220V
测温范围 Temperature range	0~500°C
测温精度 Temperature measurement accuracy	1%
距离系数 Distance coefficient	15: 1
温度分辨率 Temperature Resolution	0.1°C
体积 Size (mm)	200×170×400
净重 Net weight(KG)	3KG



超声波清洗机 ULTRASONIC CLEANER

超声波清洗机广泛应用于表面喷涂处理行业、机械行业、电子行业、医疗行业、半导体行业、钟表首饰行业、光学行业、纺织印染等行业。

Ultrasonic cleaners are widely used in the surface coating industry, machinery industry, electronics industry, medical industry, semiconductor industry, watch and jewelry industry, optical industry, textile printing and dyeing industries.



主要技术参数 / MAIN TECHNICAL PARAMETERS

规格型号 Specifications	KQ-50E	KQ-3200E	KQ-3200DE (数控)	KQ-5200E	KQ-5200DE
清洗槽尺寸(mm) Cleaning groove size	150×140×100	300×150×150	300×150×150	300×240×150	300×240×150
容量(L) Capacity	2	6	6	10	10
超声频率(KHZ) Ultrasonic frequency	40	40	40	40	40
超声功率(W) Ultrasonic power	50	150	150	200	200
加热功率(W) Heating power	无	500	500	500	500
温度可调(°C) Temperature adjustable	无	温室-80	温室-80	温室-80	温室-80
时间控制(Min) Time control	0-20/连续	0-20/连续	1-480/连续	0-20/连续	1-480/连续
网架 Grid	塑料	有	有	有	有
排水 Drain	无	有	有	有	有
降音盖 Sound Reduction Cover	无	有	有	有	有

KY-S20红外线固定式测温仪 KY-S20 INFRARED FIXED THERMOMETER

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主要技术参数 / MAIN TECHNICAL PARAMETERS

技术项目 Technical project	KY-S20
电源 Power supply	220V
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温度分辨率 Temperature Resolution	0.1°C
体积 Size (mm)	200×170×400
净重 Net weight(KG)	3KG





岩田W77喷枪
W77 AIRBRUSH



CO2气体分析仪
CO2 GAS ANALYZER



红外测温枪
INFRARED THERMOMETER GUN



数字压差计
DIGITAL DIFFERENTIAL PRESSURE GAUGE



数字高斯计
DIGITAL GAUSS METER



莫氏硬度计
MOHS HARDNESS TESTER



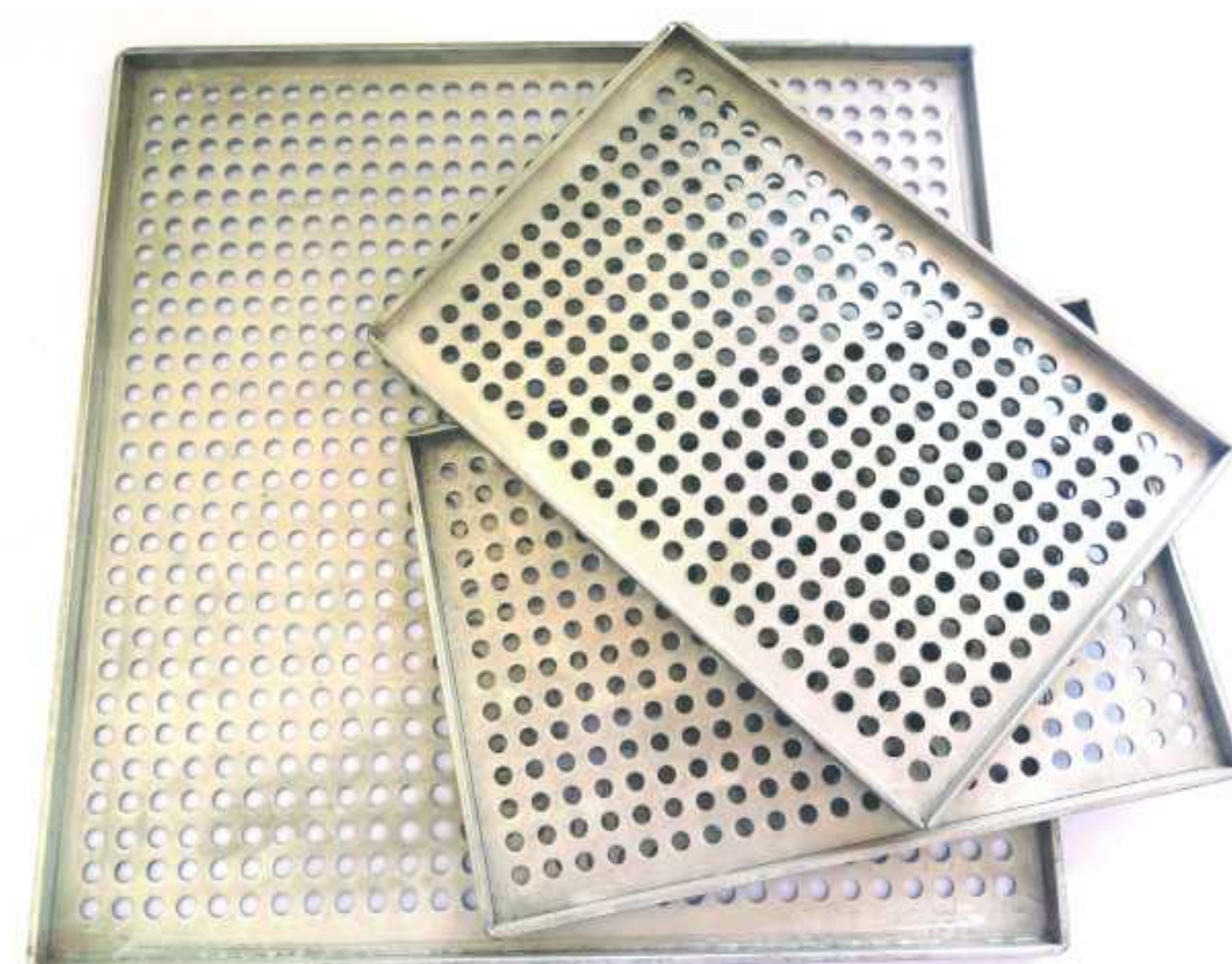
便携式涂四粘度杯
PORTABLE FOUR VISCOSITY CUP



不锈钢模具
STAINLESS STEEL MOULD



变形尺
VARIABLE RULER



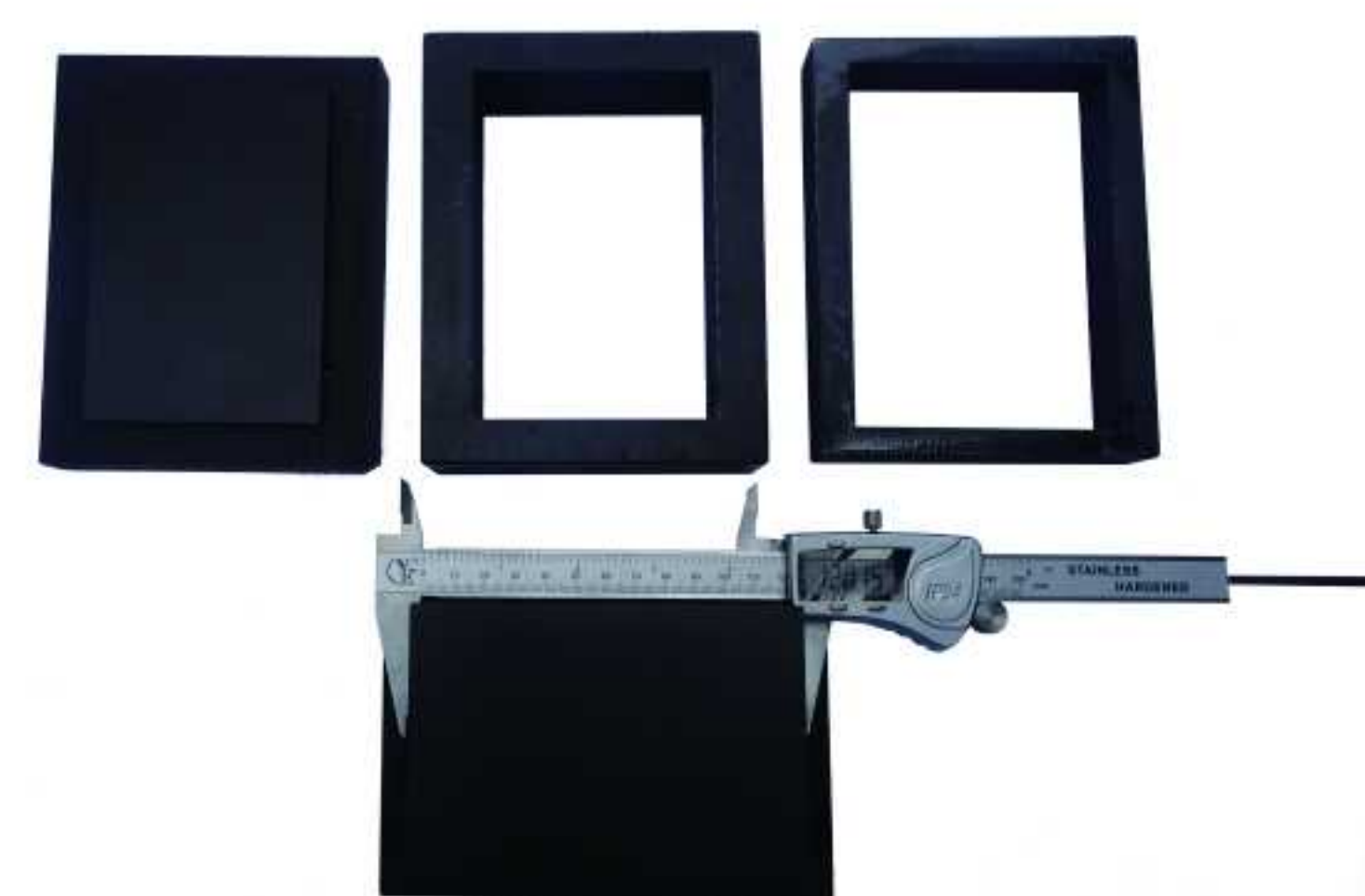
高温硅板
HIGH TEMPERATURE SILICON



高铝球磨罐
HIGH ALUMINA BALL MILL



比重杯
PROPORTION CUP



方形模具
SQUARE MOLD



刮釉器
GLAZE SCRAPER



硅碳棒.硅钼棒.夹具
SILICON CARBON ROD, FIXTURE



不锈钢分样筛
STAINLESS STEEL SAMPLE SCREEN



全钢实验台

ALL STEEL LABORATORY SIDE TABLE

箱体部分:门为双层结构,内外层均防腐蚀及撞击,中间带有隔音层。柜体、层板采用1.0 mm厚优质冷轧钢板,钢材表面经酸洗、磷化、静电粉末喷涂处理具有耐腐蚀、防火、防潮等功能。采用优质合页或铰链,三节黑色静音导轨。可调地脚采用ABS专用注塑可调脚,不锈钢金属螺杆,高度可调节,调节范围为30-50mm,防滑减震。

Box part: The door is a double-layer structure, and the inner and outer layers are protected against corrosion and impact, with an acoustic layer in the middle. The cabinet body and lamina are made of 1.0 mm thick cold-rolled steel sheet. The surface of the steel material is pickled, phosphatized, and electrostatically sprayed to provide corrosion resistance, fire resistance, and moisture resistance. With high quality hinges or hinges, three black silent rails. Adjustable feet adopt ABS special injection molding adjustable feet, stainless steel metal screw, height adjustable, adjustment range is 30-50mm, non-slip shock absorption.



钢木实验边台

STEEL WOOD EXPERIMENTAL SIDE TABLE

箱体部分:采用15厘高密度中纤板制作,门板以2.0厚PVC封边。拉手采用实验室专用一字铝合金拉手,采用优质合页或铰链,三节黑色静音导轨。框架采用40*60*1.2方钢,表面经酸洗、磷化、静电粉末喷涂处理具有耐腐蚀、防火、防潮等功能。可调地脚采用ABS专用注塑可调脚,不锈钢金属螺杆,高度可调节,调节范围为30-50mm,防滑减震。

Box part: It is made of 15% high density fiber board, and the door is sealed with 2.0 thick PVC. The pull handle adopts a special aluminum alloy handle in the laboratory, adopts high quality hinge or hinge, and three black silent guide rails. The frame is made of 40*60*1.2 square steel, the surface is pickled, phosphatized, electrostatic powder sprayed with corrosion resistance, fireproof, moisture-proof, etc. The adjustable foot uses ABS special injection molding adjustable foot, stainless steel metal screw, height can be Adjust, adjust the range of 30-50mm, non-slip shock absorption.



防震天平台

SHAKEPROOF BALANCE TABLE

此款天平台为十万分之一级天平设计,具有三级避震装置,更广泛的吸收环境中绝大部分震动。避震装置之一:采用60mm厚花岗岩台面,能消除环境中3-10赫兹震动。这些震动主要由脚步震动、人靠近时呼吸声、风声、公路车辆来往等引起。

避震装置之二:采用85度避震橡胶压制成型的调节垫;能消除环境中18-32赫兹震动。

避震装置之三:整个柜体下部,采用15MM厚橡胶软脚垫垫底,能有效减少底板带来的震动。

The platform is designed with a one hundred thousandth scale balance and has three-stage shock absorber, which can absorb most of the vibration in the environment.

One of the shock absorbers: 60mm thick granite table can eliminate 3-10 Hz vibration in the environment. These vibrations are mainly caused by footstep vibration, breathing sound when people approach, wind noise, and traffic of road vehicles.

The second shock absorber: the adjusting pad made of 85 degree shock absorber rubber can eliminate 18-32 Hz vibration in the environment.

The third shock absorber: the lower part of the whole cabinet is padded with 15mm thick rubber soft foot pad, which can effectively reduce the vibration caused by the bottom plate.



全钢喷釉柜 ALL STEEL SPRAY CABINET

外壳材质为:1.0mm厚上海宝钢产优质冷轧板,经除油、酸洗、表调、磷化、烘干、机械抛光等多道工序处理后,表面环氧树脂粉末静电喷涂,拥有良好的耐酸碱腐蚀性;表面光滑、防潮、防锈,承重性能好,使用寿命长;整体结构性强,使用寿命长,上柜外观采用传统斜面,下柜门板采用新型铝合金合页,美观大方。

Shell material: 1.0mm thick Shanghai Baosteel high-quality cold-rolled sheet, after the degreasing, pickling, surface conditioning, phosphating, drying, mechanical polishing and other processes like the surface of epoxy powder electrostatic spraying, it is with good Acid and alkali corrosion resistance, smooth surface, moisture resistance, rust resistance, good load-bearing performance, long service life; overall structural strength, long service life; The appearance of the upper cabinet adopts traditional inclined surface and the lower cabinet door adopts new aluminum alloy hinge, beautiful generous.

配件:

内衬板: 内侧隔板采用5mm厚抗倍特化学积层板,其构造设计对爆炸有释压作用。

操作台面: 采用进口12.7实心理化板,具有抗化学腐蚀(耐149种酸碱试剂)、耐高温、耐水、抗菌、耐辐射热、易清洁保养,耐刮磨、耐冲击等特性。

视窗: 采用铝材框架,带有轴承设计的配重滑轮使视窗开启更加坚固和滑动自如,视窗采用5mm安全钢化玻璃,防爆性能良好。

电源插座: 采用16A防水插座,适用欧标及国标插头。

日光灯: 照明采用30W*1防爆灯,工作面亮度标准为450LUX。

控制面板: 液晶屏,操作简单,微电脑控制。

常规尺寸: 1200X800X2350mm / 1500X800X2350mm / 1800X800X2350mm

如有特殊要求可按客户指定产品尺寸进行制作

Accessories:

Inner lining board: 5mm thick anti-fold special chemical laminated board is used for the inner partition board. Its structural design has pressure releasing effect on explosion.

Operating table: Imported 12.7 real mental board, with chemical resistance (resistant to 149 kinds of acid and alkali reagents), high temperature, water resistance, antibacterial, radiant heat, easy cleaning and maintenance, scratch abrasion, impact resistance and other characteristics.

Windows: With aluminum frame, the counterweight pulley with bearing design makes the window opening stronger and slide freely. The window adopts 5mm safety tempered glass and has good explosion-proof performance.

Power socket: 16A waterproof socket, suitable for European standard and national standard plug.

Fluorescent lamp: The lighting uses 30W*1 explosion-proof lamp, and the work surface brightness standard is 450LUX.

Control panel: LCD screen, simple operation, microcomputer control.

Regular size: 1200X800X2350mm / 1500X800X2350mm / 1800X800X2350mm

special requirements can be made according to customer specified product size



PP酸碱柜 ACID BASE EMPIRICAL CABINET

主体左右旁板、背板、底板、门板、抽屉板均采用8mm厚优质纯料PP(聚丙烯)板制作,具有耐强酸碱性能。顶部边沿加宽稳定、承重性能更好。对接处均采用同色焊条专业手工经无缝焊接而成,抗强酸、化学药品,耐冲击,不腐蚀,不生锈。

The left and right side panels, back plates, bottom plates, door panels and drawer boards of the main body are made of 8mm thick pure PP (polypropylene) plates, which have strong acid and alkali resistance. The top edge is widened and stable, and the bearing capacity is better. The butt joint is made of the same color welding rod by professional hand and seamless welding. It is resistant to strong acid and chemicals, impact resistance, corrosion resistance and rust resistance.

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