



INSTRUCTIONS

SIRUI HC Series Electronic Humidity Control Cabinet

202009

**Thank you for purchasing SIRUI Electronic Humidity Control products.
Please read this manual before using.**

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1 Features

(1) Introduction of Product Use

The SIRUI Electronic Humidity Control Cabinet can effectively prevent mildew, fogging, oxidation, corrosion, material deformation, and can reduce the possibility of fracture and failure of electronic devices, etc. The regulated environment of the SIRUI Cabinet helps extend the life and value of your most precious possessions.

- ※ Ideal for storing paintings and papers, including calligraphy, antiques, paper currencies, ancient books, fax paper, copy paper, printing paper, etc.
- ※ Ideal for storing optical & electronic devices, such as advanced lenses, photographic equipment, camcorders, computer items, cameras, lenses, microscopes, CDs, telescopes, film, videotapes, microfilms, Slides, etc.
- ※ Ideal for storing precision materials, such as gold/silver and other precious metals, non-metals, metal powder products, electrical equipment, semiconductors, condensers, printed circuit boards, tungsten wires, IC, batteries, etc.
- ※ Ideal for precision machinery equipment products such as crystals, precision measuring tools, optical lenses, optical scanners, spectrometers, etc.

(2) Product Features

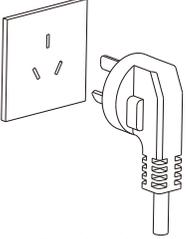
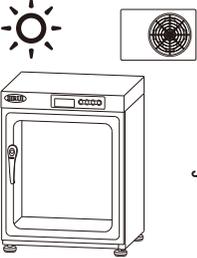
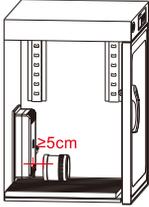
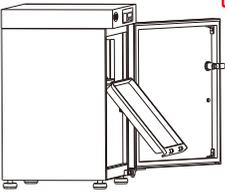
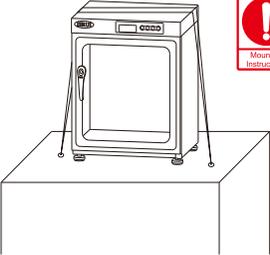
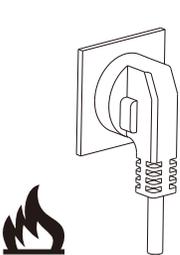
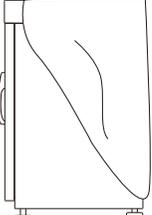
- ※ The SIRUI Electronic Humidity Control Cabinet contains a high performance dehumidifying system with precise microcomputer control, for automatic, worry-free operation.
- ※ Easy-to-read LCD digital display of temperature and humidity.
- ※ The dehumidifying system is made of fire-resistant material and is quick, high-efficiency, energy saving and non-polluting.
- ※ The internal design of the humidity control elements protects the components from damage and people from inadvertently touching it.
- ※ The cabinet body is made with high strength steel that is precision welded with high frequency argon arc equipment.
- ※ The door is made of high-quality, tempered glass, which is waterproof, dust-proof and airtight.
- ※ Low humidity inside the cabinet can be maintained for a long time after the power is turned off.
- ※ All the SIRUI Electronic Humidity Control Cabinets incorporate a Photocatalyst - a safe, powerful bacteriostatic antiseptic with antifungal, purifier and cleaning functions.

2 Safety Instructions

- ※ Please confirm the power supply is AC 110V~240V 50/60Hz before using.
- ※ Do not put your finger or stick anything into the grill on the back of the Cabinet.
- ※ Inexperienced people and children must use the cabinet under careful supervision and guidance.
- ※ Children should be supervised and should not play with or near the cabinet.
- ※ If the power cord is damaged, it must be replaced with an equivalent power cord. Contact the selling dealer or SIRUI for replacement parts.

3 Safe Operation

Please use the cabinet correctly, to prevent damage to the product or harm to yourself.

 Operating Instructions (Please follow the instructions to prevent damage to the product or harm to yourself.)		
 <p>AC 110V~240V 50/60Hz</p>		
<p>Humidity control cabinet uses single phase alternating current AC 110V~240V 50/60Hz power source.</p> <p>Improper use of power source may cause fire or high temperature.</p>	<p>Do not put the cabinet near an air-conditioner vent or in a room with changeable temperature, direct sunlight or excessive dust.</p> <p>Which may weaken the function of humidity removal.</p>	<p>Keep the goods inside the cabinet at least 5cm (2inches) away from the Humidity Control Component.</p> <p>For proper air circulation and heat release.</p>
		
<p>Use of excessive force when pulling out the shelves from the cabinet may cause the shelves to fall out or be damaged.</p>	<p>The cabinet must be attached to the wall or a sturdy object if the cabinet will be placed on a high surface.</p> <p>To prevent the cabinet from falling and causing damage or personal injury.</p>	<p>If there is any abnormal running or smell, please pull out the power plug immediately.</p> <p>Fire or electric shock may occur.</p>
 Warning! (Follow the instructions to prevent serious harm or damage.)		
		
<p>Do not put objects on top of the cabinet or step on the cabinet.</p> <p>This may damage the cabinet and/or cause personal injury.</p>	<p>Do not put flammable and explosive things into the cabinet.</p>	<p>Do not cover the vents behind the cabinet.</p> <p>Which may cause heat buildup and possible product failure.</p>

4 Operation

(1) Appearance

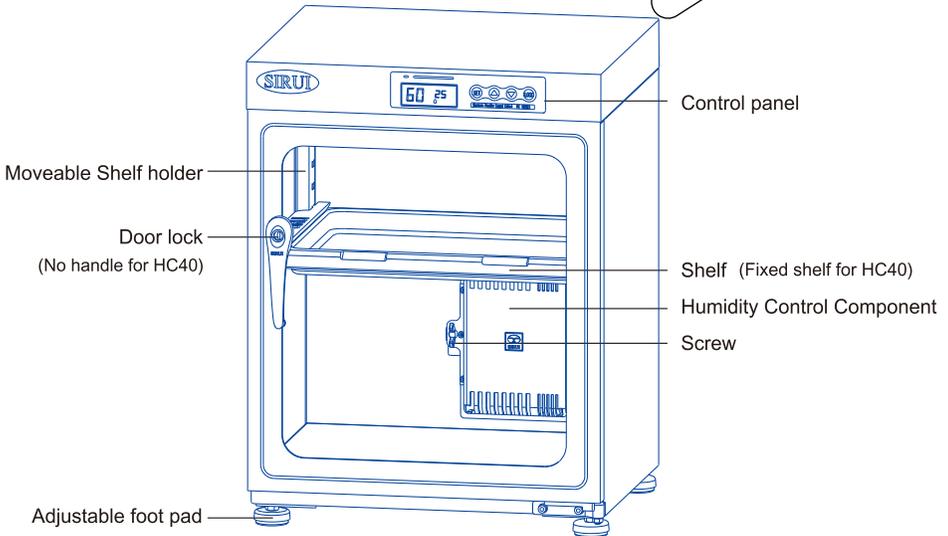
The following picture is only an example for instructional purposes. The actual appearance of your cabinet may be different from the picture.

Caution

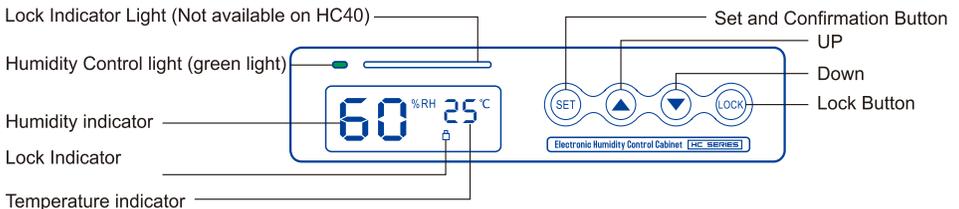
Start and Run the cabinet for 4 hours before placing items in the cabinet.
 Accuracy of the humidity control is +/- 5% RH
 Factory pre-set of the cabinet internal humidity is 25%RH



Serial number on the back of the cabinet



(2) System Control



5 Operation Method

(1) Humidity setting

When you plug in the HC, the system will scan automatically. After 30 seconds, the system will go into Power Saving Mode. Please refer to “Object Storage Humidity Reference Table” (Page 6) to find the corresponding humidity you want (the factory setting of the cabinet is 25% RH).

Unlock the display by pressing the “LOCK” button for 2 seconds. Set your desired humidity by pressing the “SET” button first (the current humidity number will be flashing), then press the “▲” / “▼” button to make this number increase/decrease. (The number will keep increasing/decreasing until you release the “▲” / “▼” button). Press “SET” again, when you have the number you want. Now the humidity you set is recorded and the system is automatically back to normal operational mode.

(2) Keypad Lockout Function

The system will automatically lock after 10 seconds, if you do not touch the control panel ( sign appears). This means that any operation、 (like pressing “▲” or “▼”、“SET”) will not function.

(3) Unlock the keypad

Press the “LOCK” button for 2 seconds and the  sign disappears. You can then control the “▲” or “▼”、“SET” buttons.

(4) Internal lighting and door open/locked indication (Not available on HC40)

When you open the door, the interior cabinet light goes on and the Lock Indicator Light on the Control Panel goes on to indicate that the door is open. When closed, the Lock Indicator Light will go off and the door will lock.

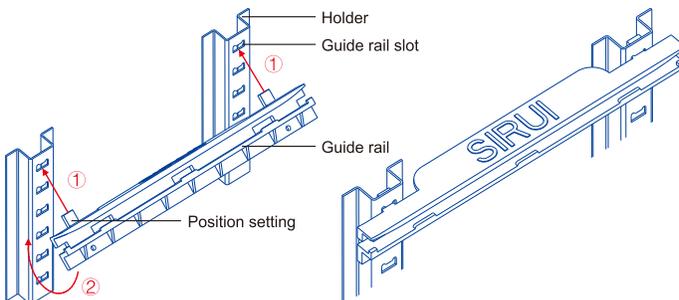
(5) Activate the LCD’s backlight

The LCD screen backlight and keypad illumination function turns on when you press any button on the control panel in normal working mode. The light will turn off after 30 seconds.

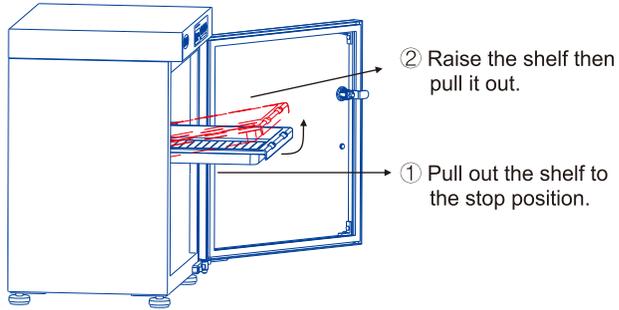
(6) Shelf setting (Fixed shelf for HC40)

- ※ Please do not touch the internal Humidity Control Component when setting up the shelf and guide rail system.
- ※ Both guide rails must be set on the same slot height to ensure that the shelf is horizontal.
- ※ Set up the shelf and check whether the shelf is fixed.
- ※ Improper setting of the shelf may cause blocked moisture absorption window or affect the ventilation inside the cabinet.

① Shelf guide rail system setting



② Take out the shelf



6 Caution

1. Do not touch the power plug with wet hands, otherwise it may cause personal harm.
2. If the power cord is aged, broken, loose, or unusually hot, please replace it immediately to avoid fire.
3. When the cabinet is maintained, cleaned or moved, please turn off the power. Please pull out the power plug if the cabinet will not be used for a long time.
4. Do not put corrosive products like chemicals, flammable or explosive items into the cabinet, otherwise it may cause a fire or explosion.
5. Do not clean the cabinet with water. This may damage the electronics and cause a potential shock or fire hazard.
6. Make sure the items inside the cabinet are about 5cm away from the Humidity Control Component so that the system can be properly ventilated and heat can be dispersed.

7 Possible problems and troubleshooting

Problem	Possible reason	Solution
Still doesn't work when turned on	Is Power cord plugged in properly?	Make sure power supply and plug are in good condition and fully plugged into the outlet.
Humidity is not going to desired level	Does the article contain too much moisture?	Dry the article with fan before putting it in the cabinet.
	Inappropriate humidity setting.	Refer to the humidity recommendation for your article and set the proper one.
	Internal humidity is much higher than outside environment.	Set the internal humidity lower than outside environment.
	Opening or closing the door too often.	Reduce the number of times and length of time the door is opened.
	a. High heat from a nearby oven or other heat generating equipment may affect efficiency. b. The blowing from the air outlet of the air conditioner, fan or other equipment may affect air convection. c. The inner articles may block the ventilation outlet.	Stay away from places with high temperatures and strong airflow, Rearrange the inner articles to allow sufficient airflow or remove some articles. Do not block the ventilation outlet.

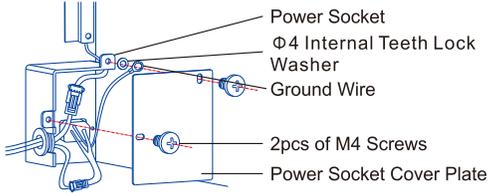
Caution

1. Run the cabinet for 4 hours before placing items into the cabinet.
2. The temperature of the cabinet system will rise when it starts dehumidifying. It will last about 35 minutes (different size cabinets will take longer or shorter periods of time to stabilize).
3. Please fan dry items with lots of moisture, like paper, clothes, packing materials before putting into the cabinet.

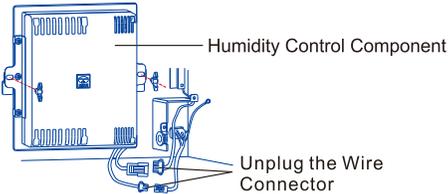
When the Humidity Control Component is not working, please remove the Component as follows (the power must be shut off first):

1. For HC Series Cabinets (HC40 excluded)

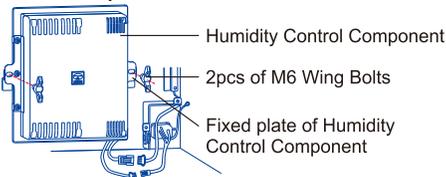
① Unscrew the 2pcs of M4 Screws, remove the cover of the Power Socket.



② Unplug the Wire Connector.

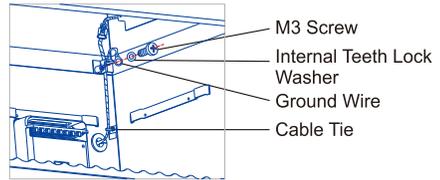


③ Loosen the 2pcs of Wing Bolts connected to the Humidity Control Component, then the Humidity Control Component can be dismantled.

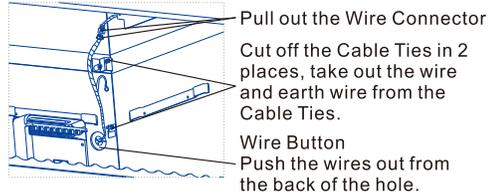


2. For HC40 Cabinet

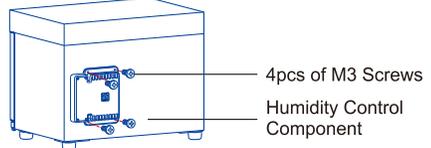
① Unscrew the 1pc of M3 Screw, remove the Ground Wire.



② Cut off the Cable Ties in 2 places, pull out the Wire Connector from the Humidity Control Component, take the wire and earth wire from the Cable Ties.



③ Remove the 4pcs of the M3 Screws at the back panel of the cabinet, pull out the wires from the wire buckle, and disassemble the Humidity Control Component of the Cabinet.



8 Humidity recommendations: Reference Table

Relative humidity	Storage Items
55%-60%RH	Paper material: paintings, antiques, paper currency, old books, fax paper, copy paper, typing paper.
45%-55%RH	Optical equipment: video camera, acoustics, computer equipment, cameras, lenses, microscopes, CDs, telescopes, endoscopes, negative film, video tapes, microfilm, disk drives, lantern slides.
35%-45%RH	Precise Material: metal, nonmetal, metal powder product, electrical equipment, electronic product, semiconductors, capacitors, Printed Circuit Boards, tungsten filament, IC, battery. Precision machinery & instrument products: accessory, crystal, precision measuring tools, optical glass, spectrometer etc.
35%-25%RH	Chemical raw materials: pharmacy raw materials, spices, paint, powder, powder material, adhesives. Farm supplies: seeds, pollen, dried flowers.



Attention

The equipment cannot be used when the external relative humidity is lower than 25%

9 Packing List

S.N.	Description	Unit	HC40	HC50	HC70	HC110	HC200
1	Detachable power cord with 2/3 prong connector	set	1	1	1	1	1
2	Spare key	pcs	2	2	2	2	4
3	Moveable Shelf	pcs	1	1	2	3	4
4	Shelf bracket	pcs	0	2	4	6	8
5	Shelf mat	pcs	2	2	3	4	6
6	Instructions	pcs	1	1	1	1	1

10 HC series specification

Model	HC40	HC50	HC70	HC110	HC200
Capacity (L)	40	50	70	110	200
Weight (kg)	8.4	12.7	16.2	23.5	36.5
Dimensions(mm) height×width×depth	420×400×330	520×400×335	680×400×335	820×450×380	1250×450×420
Humidity control mode	Fully automatic electronic humidity control				
Door material	Aluminum door frame, silk print tempered glass (PVC door frame for HC40)				
Cabinet body material	Cold rolled steel with powder coating				
Nominal voltage	AC 110V~240V 50/60Hz				
Power consumption (kW/month)	1.0 ~ 2.5	1.3 ~ 3.4	1.3 ~ 3.4	1.3 ~ 5.3	1.5 ~ 5.3
Quantity of shelves (set)	1	1	2	3	4

Product specifications are subject to change without prior notice.



HC40



HC50



HC70



HC110

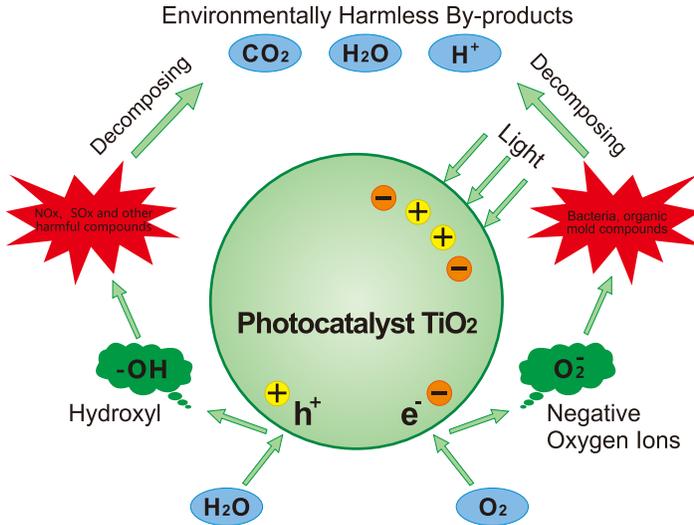


HC200

**Revolutionary industry innovation—
SIRUI creates high performance,
mildew-proof humidity control cabinets.**



Principles of Photocatalyst TiO₂



Under irradiation of light, Photocatalyst TiO₂ will produce a photocatalytic reaction like photosynthesis - oxygen. Due to the absorption of light energy, the interior will be excited and generate electron hole pairs (photo-generated carrier). The electron hole pairs will move to the surface of the Photocatalyst TiO₂ immediately and activate the adsorbed (stuck to the outside surface) oxygen and moisture, producing reactive free hydroxyl (-OH) and reactive oxygen (-O). The Photocatalyst TiO₂ has potent light oxidation reduction performance, and can oxidize and decompose all organic compounds and some inorganic substances. When the pollutant and bacteria adsorb onto the surface of the Photocatalyst TiO₂, chain degradation reaction will occur, and convert the organic pollutant into harmless, pollution-free water (H₂O) and carbon dioxide (CO₂). This makes the Photocatalyst TiO₂ capable of sterilizing, deodorizing, mildew-proofing, dust-proofing, self-cleaning and purifying.

Photocatalyst TiO₂ converts the contacted organic compounds into CO₂ and H₂O with the oxygen molecule and water molecule in the air. The Photocatalyst TiO₂ itself doesn't change, but can promote a chemical reaction. The chemical reaction will last long, so the operating cost will be low. Photocatalyst itself is non-toxic and harmless, it has been widely used in the area of food, medicine, cosmetics, etc.



Photocatalyst TiO₂ Testing Group



Control Group

Global Distributor Directory



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The global agents are ranked in no particular order. If after-sales service is required, please contact the local agent first.

Headquarter of SIRUI Optical Co., Ltd.

After-Sale Service Hotline: 400 830 2299

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Address: Vienibas Avenue 109, LV-1058 Riga Latvia

Tel: +37 06 12 86 120

http: //www.focusnordic.lt **E-mail:** info@focusnordic.lt

Sweden/Focus Nordic AB

Address: Bergsjödalen 48, 41568 Gothenburg

Tel: +46 31 336 23 00

http: //www.focusnordic.com **E-mail:** info@focusnordic.se

Norway/Focus Nordic

Address: Ringeriksveien 164, 1339 Vøyenenga

Tel: +47 67 17 37 00

http: //www.focusnordic.no **E-mail:** info@focusnordic.no

Finland/Focus Nordic

Address: Knitter Business Park, Kutojantie 6-8, FI-02630 Espoo

Tel: +35 89 42 83 41 01

http: //www.focusnordic.fi **E-mail:** info@focusnordic.fi

Denmark/Focus Nordic

Address: Erhvervsvej 30, DK-2610 Rodovre

Tel: +46 31 336 23 00

http: //www.focusnordic.dk **E-mail:** info@focusnordic.dk

Iceland/Focus Nordic

Address:

Tel: +46 31 336 23 00

http: //www.focusnordic.is **E-mail:** info@focusnordic.is

Latvia /Focus Nordic

Address: Vienibas Avenue 109, LV-1058 Riga Latvia

Tel: +46 31 336 23 00

http: //www.focusnordic.lv **E-mail:** info@focusnordic.lv

Sri Lanka/CameraLK Store

Address: CameraLK Colombo: 263, Highlevel Road Colombo 05 00500 - Western

CameraLK Majestic City: No 28, 3rd Floor Majestic City Colombo 04 00400 - Western

CameraLK Kandy: 127A 1/1 D S Senanayake Veediya Kandy 20000 - Central Province
0812233872

Tel: +(94) 117 817 870

http: //www.cameralk.com **E-mail:** ushitha@cameralk.com

Kenya/Cameras Africa

Address: Nairobi along Kenyatta Avenue, next to Phoenix House. 1 Min Walk from Sentrim 680
Hotel

Tel: 00254722764900

http: //www.camerasafrica.com **E-mail:** sales@camerasafrica.com



Garantie
Warranty
Garantía
Garanzia



SIRUI Professional Photographic Equipment

Product	Warranty length	Produkt	Garantie Zeitraum
Tripods / Monopods / Heads / Accessories	6 years	Stative / Köpfe / Zubehör	6 Jahre
Humidity Control Cabinet (only Cabinet)	6 years	Humidor Schränke (nur Schränke)	6 Jahre
Humidity Control Cabinet (Electronics)	3 years	Humidor Schränke (elektronisch)	3 Jahre
Filters / Smartphonetools / Electronic Devices	2 years	Filter / Smartphonezubehör / Elektronische Geräte	2 Jahre

Model, Modell, Modèle, Modelo

Date, Datum, Fecha, Data

Dealer, Händler, Marchand, Comerciante, Negociante

European Service Center:

SIRUI Optical GmbH • Ernst-Augustin-Str. 1a • 12489 Berlin • Germany
Phone: +49 30 991 94 94 00
Email Address : info@siruioptical.eu

Deutsch

Die SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, gewährt Käufern eine Garantie von 6 Jahren ab Kaufdatum auf die Freiheit von Herstellungs- und Materialfehlern dieses Produkts. Von dieser Garantie nicht erfasst sind Schäden durch mechanische Beeinträchtigungen, große Hitze, nicht bestimmungsgemäße Verwendung sowie Abhandenkommen. Diese Garantie gilt nur in Verbindung mit dieser Garantiekarte und einem in Europa ausgestellten Kaufbeleg. Die gesetzlichen Rechte – insbesondere die gesetzlichen Gewährleistungsrechte – bleiben hiervon unberührt. Im Garantiefall wenden Sie sich bitte an das umseitig genannte Servicecenter.

English

SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, guarantees purchasers that this product will remain free from manufacturing and workmanship defects for 6 years from the date of purchase. Damage caused by mechanical damage, excessive heat, improper use and loss are not covered by this warranty. This warranty is valid only in connection with this warranty card and a receipt issued in Europe. Statutory rights – in particular the statutory warranty rights – remain unaffected. In the event of a warranty claim please contact the service centre listed overleaf.

Français

La société SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, Allemagne, offre aux acheteurs une garantie de 6 ans, à compter de la date d'achat, contre tous défauts de fabrication ou de matériaux. Cette garantie ne couvre pas les dommages causés par des problèmes mécaniques, la chaleur excessive, l'utilisation abusive et la perte. La garantie est uniquement valable si associée à la présente carte de garantie et une preuve d'achat délivrée en Europe. Les droits légaux – en particulier les droits de garantie prévus par la loi – restent inchangés. En cas de recours à la garantie, veuillez vous adresser au centre de service mentionné au recto.

Italiano

La SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, offre agli acquirenti una garanzia di esenzione da difetti di fabbrica e di lavorazione di questo prodotto, della durata 6 anni dalla data di acquisto. Tale garanzia non copre alcun danno causato da guasto meccanico, calore eccessivo, uso improprio nonché perdita. La garanzia è valida solo se accompagnata dalla presente scheda di garanzia e ad una prova di acquisto rilasciata in Europa. I diritti legali - in particolare, i diritti di garanzia previsti dalla legge - rimangono inalterati. In caso di intervento in garanzia, si raccomanda di rivolgersi al centro di assistenza indicato sul retro.

Español

La sociedad SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, otorga a sus compradores una garantía de 6 años a partir de la fecha de compra por los vicios ocultos y defectos de fabricación de este producto. La garantía no cubrirá los daños ocasionados por desgastes mecánicos, altas temperaturas, un uso no conforme con lo prescrito o por pérdida o extravío, y sólo será válida presentando esta carta de garantía y el comprobante de compra expedido en Europa. Lo anterior no afectará a los derechos legales y, en particular, a los derechos de garantía legales. En el caso contemplado en la garantía, le rogamos se ponga en contacto con el Centro de atención al cliente, cuya dirección consta en el dorso de esta carta de garantía.

Portugués

A SIRUI Optical GmbH, Ernst-Augustin-Str. 1a, 12489 Berlin, garante aos seus clientes uma garantia de 6 anos a partir da data de aquisição relativa à liberdade de defeitos de produção e fabrico do produto. Esta garantia não cobre danos causados por efeitos adversos decorrentes de avaria mecânica, calor excessivo, utilização indevida, ou perda. Esta garantia é apenas válida mediante apresentação deste cartão de garantia e um recibo emitido na Europa, sem prejuízo dos direitos legais (em particular, os direitos legais de garantia). Em caso de reclamação, contate o centro de serviço referido no verso.

SIRUI Warranty

Professional Photographic Equipment



SIRUI USA, LLC

For technical support, service or repairs please contact:

29 Commerce Court Verona, NJ 07044

info@sirui.com Phone: 866-373-0829

Thank you for your purchase of Sirui professional products! Sirui warrants that your purchase is free from defects in materials and workmanship, under normal use during the Limited Warranty period. The warranty period starts on the original date of purchase on your sales receipt. If service is required, please include a copy of the sales receipt and this warranty card, with an explanation of the problem. Please store your sales receipt and warranty card in a safe location.

Model purchased : _____

Store : _____

Product	Warranty period
Tripods and Heads	6 years
Optical and Smart Products	1 year (Battery: 6 months)
Humidity Control Cabinets	6 year (Electronic components: 3 years)

Date : _____

Serial number : _____

Sirui USA Limited Warranty

This warranty is limited to the repair, adjustment and/or replacement, at Sirui or its authorized distributor's option, of defective parts, free of charge (except the cost of transportation to the distributor/service center). Responsibility is limited to actual cost of item.

Register online at www.sirui.com. Call or email with questions or problems, before sending product in for repair. For warranty service on product purchased in the USA, all shipping and insurance charges must be prepaid. Include a copy of the sales receipt, this warranty card and an explanation of the problem. The product or defective part(s) may be sent through a local authorized SIRUI USA dealer or directly to the SIRUI USA distributor/service center indicated on this warranty card. Sirui will not be responsible for expenses or inconveniences, or consequential damages to equipment, or by breach of any expressed or implied warranty.

Out-of-warranty repairs - An estimate (including shipping costs) will be provided by the SIRUI USA distributor/service center indicated on this warranty card and repairs will begin once the estimate is approved and payment is received. A return shipping fee will be charged for refused estimates.

Limitations

Warranty is non-transferable. This warranty covers all defects encountered in normal use of the equipment and does not apply in the following cases:

- 1) If the equipment has been serviced by other than an authorized Sirui distributor or service center.
- 2) Damage to the equipment due to modification, overloading, mishandling, abuse, accident, sand, corrosives, water damage or not following operating instructions.
- 3) No valid proof of purchase is provided.
- 4) Damage caused by acts of nature (including, but, not limited to fires, floods or earthquakes).

This warranty is only valid when product is purchased from an authorized SIRUI USA dealer.

Please visit SIRUI's USA official website or consult the local dealer for the Return and Exchange Policy.



使用说明书

HC系列电子防潮柜

202009

**感谢您选购本公司电子防潮柜产品
为了您能够正确、安全的使用，请在使用前仔细阅读本说明书**

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广东思锐光学股份有限公司

地址：广东省中山市五桂山第三工业区

电话：0760-88897373 传真：0760-88207062

服务热线：400 830 2299 <http://www.sirui.com>

投诉电话：181 6563 9388

仅限工作日 (8:15~12:15 14:00~18:00)

一 产品特点

1. 产品用途介绍

本公司的电子防潮柜能有效防止生霉、生雾、氧化锈蚀、材料变形、老化断裂、电子器件失效等，良好的储存环境，能有效延长产品的使用寿命。

- ※ 广泛用于储存纸类：如字画、古董、纸币、古书、传真纸、复印纸、打印纸等。
- ※ 广泛用于储存光学、电子器材：如高级镜头、摄影器材、摄像机、电脑用品、相机、镜头、显微镜、CD、望远镜、底片、影带、微缩影片、幻灯片等。
- ※ 广泛用于储存精密材料：如金/银等贵金属、非金属、金属粉末制品；电器、半导体、电容器、印刷电路板、钨丝、IC、电池等。
- ※ 精密机器仪器产品：晶体、精密量具、光学镜片、单光仪、分光仪等。

2. 产品特点

- ※ 本公司的电子防潮柜采用高性能防潮主机、微电脑全自动湿度控制，全自动除湿。
- ※ 温度、湿度通过LCD屏数字显示，直观明了等特点。
- ※ 防潮主机用防火材料精制而成，具有快速、高效、节能、无污染。
- ※ 内藏式湿度控制，避免外露故障及误触危险。
- ※ 箱体采用高强度钢板制作，高频氩弧精密焊接。
- ※ 玻璃门采用高质量汽车钢化玻璃，防水防尘以及气密性好。
- ※ 断电后仍可长时间保持柜内低湿度。
- ※ 思锐防潮柜产品全部安装有光触媒，强效抑菌杀菌、防霉，同时还具备除臭、抗污、净化功能。

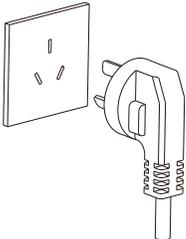
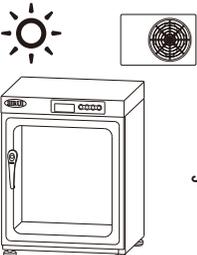
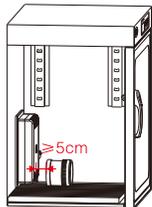
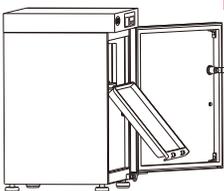
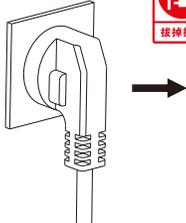
二 安全说明

- ※ 请先确认电源是AC 110V~240V 50/60Hz。
- ※ 勿将手指或棒状物伸入防潮主机格栅内，以免损坏防潮主机仓门。
- ※ 本设备在缺乏经验和知识、身体上和心理上无障碍的人（包括儿童），必需要在专人的安全监督和指引下使用。
- ※ 儿童应被监督，确保他们不会玩耍本设备。
- ※ 如果电源线毁坏，必需要有特定的电源线替换，或者由服务机构或厂商进行维修。

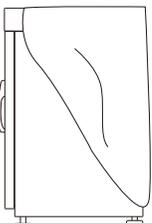
三 安全使用

以下按照因误操作而引起的危险轻重程度区分说明

! 指示操作 (违反标识事项时, 有可能发生轻微的伤害或产品损伤)

 <p>AC 110V~240V 50/60Hz</p>		
<p>防潮柜使用单相交流 AC 110V~240V 50/60Hz电源。</p> <p>使用电源不当可能引起火灾、高温。</p>	<p>不要在出风口、温度变化强烈、阳光直射、尘埃多的地方放置防潮柜。</p> <p>可能引起除湿功能下降。</p>	<p>放置物品时, 确保物品与防潮主机周边间隙保持5cm以上。</p> <p>便于主机排气、散热及防止物品损坏(因防潮主机会发热)。</p>
		
<p>抽取柜内的隔板时不要过用力。</p> <p>可能导致隔板跌落、损坏。</p>	<p>如果柜机放置在高处, 必须将柜机固定到稳定的物体上。</p> <p>可能引起倾倒、损坏、伤人。</p>	<p>运行异常时或发出异味时请迅速拔掉电源插头。</p> <p>可能引起火灾、触电。</p>

⊘ 禁止操作 (违反标识事项时, 有可能发生严重的伤害)

		
<p>柜体上禁止承载过重物体或者人体直接踩。</p> <p>可能引起柜体倾倒、变形。</p>	<p>禁止放置易燃易爆物品到柜内。</p> <p>易燃易爆、挥发性化学物品可能引起爆炸火灾。</p>	<p>禁止运行时吸湿窗口或排湿窗口被物件覆盖。</p> <p>导致防潮主机散热受阻而产生故障。</p>

四 操作说明

1. 外观结构说明

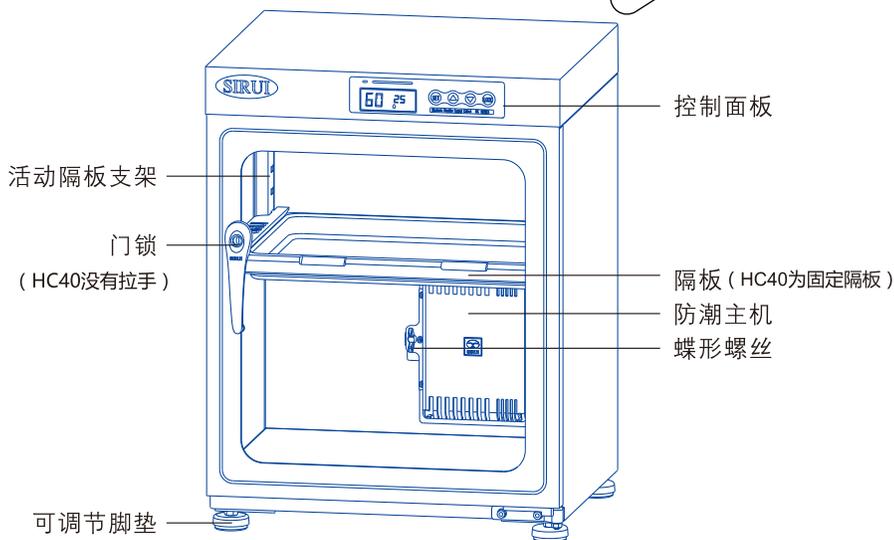
下列图示仅为事例说明，您的防潮柜外形可能与此不完全相同，以实物为准。

⚠ 注意

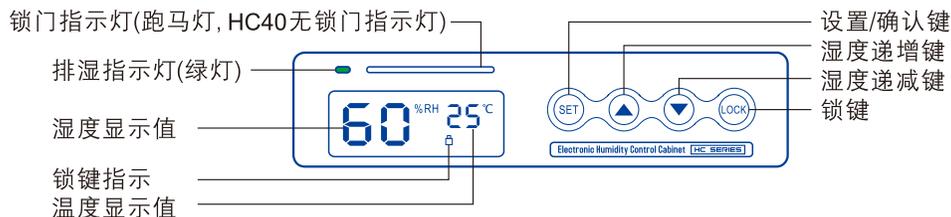
放物件前，空柜运行4小时
湿度计量误差范围是 $\pm 5\%RH$
电子防潮柜出厂设置湿度为25%RH



柜身背面
产品识别码



2. 控制系统说明



五 操作方法

1. 湿度设定

插上电源，系统自动扫描，30秒后进入省电模式。

电子防潮柜出厂时设置湿度为25%RH，参照物品储存湿度参考表（第6页）设置与您的物品相适应的湿度。

先长按“LOCK”键2秒，LCD屏上的锁键“”消隐，按“SET”键，显示原湿度设定值并闪烁，此时按一下“▲”或“▼”键，湿度值会作加或减变化（若长按“▲”或“▼”键不放，湿度值会不停作加或减变化），当完成设定后，按“SET”键确认，系统自动记录已设湿度值并返回运行模式。

2. 锁键功能

10秒内没有在控制面板上进行操作，系统自动进入按键自锁状态，LCD的右下角显示出一个锁键符号“”，此时“▲”、“▼”和“SET”进行操作是无效的。

3. 解锁功能

锁定状态下长按“LOCK”2秒后，锁键符号“”消隐；此时可对“SET”“▲”或“▼”进行操作。

4. 柜内照明及锁门提示（HC40无锁门指示灯及柜内无照明灯）

当开锁打开柜门时，柜内LED照明灯亮；同时薄膜按键面上的锁门指示灯跑动闪亮，关上柜门后LED照明灯及锁门指示灯自动熄灭。

5. 唤醒背光功能

在运行状态下按任意键可唤醒LCD背光功能，背光持续时间为30秒。

6. 隔板设定（HC40为固定隔板）

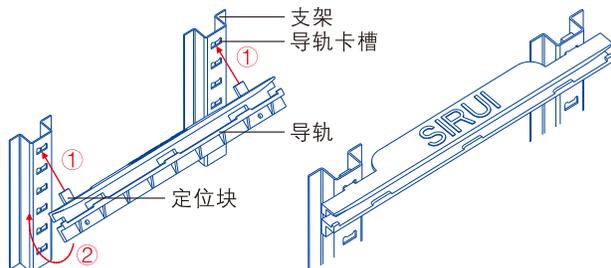
※ 在设置、安装隔板和导轨时注意不要碰到防潮主机。

※ 确保导轨定位块处于支架前后同一高度，同时左右也处于同一高度卡槽。

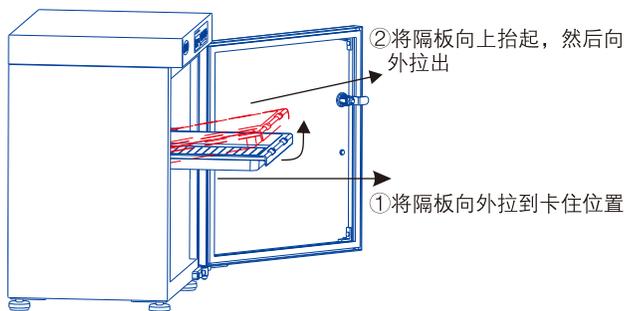
※ 放好隔板并检查固定情况。

※ 隔板放置不当，可能会阻塞防潮主机吸湿窗口或影响柜内空气流通。

1) 隔板导轨的安装



2) 隔板的取出



六 使用注意事项

1. 拔插电源插头时请注意不要湿手进行操作，避免带来人身安全隐患。
2. 检查电源线及插头有无老化、破裂现象，有无松动等现象，有无异常发热现象，如有请马上更换，以免接触不良造成发热及火灾等安全事故。
3. 维护、清理或移动电子防潮柜时，请先切断电源，长期不使用电子防潮柜请将插头拔出。
4. 请勿将有腐蚀性的物品如化学品、易燃易爆品等放入柜内，以免引起火灾。
5. 清洁防潮柜时，避免防潮主机及电器件进水而导致功能故障或火灾事故。
6. 使用中确保柜内放置物件与防潮主机之间有5cm左右距离，确保防潮主机通风散热。

七 常见现象与故障排除

故障与现象	原因分析	排除方法
通电后不开机	电源插头是否正确	确保电源电压正确，插头接触良好，并且电源接通
湿度降不下来	存放物件水份含量是否太高	先用风扇吹干湿气重的物件再存放
	设置湿度方式不当	参照湿度设定值进行操作并确认
	设置湿度是否比外界湿度高	请设定湿度值比外界湿度低
	柜内物品放入过多，导致影响吸湿的对流作用	重新整理柜内物品
	a. 周围是否有高温的发热体（如烤箱之类的） b. 周围是否有冷气空调出风口或风扇等易影响气体对流的设备 c. 摆放的物品是否把防潮主机的通风口阻塞	远离高温、空气流动大的地方；重新整理柜内物品；不要阻塞防潮主机的通风口

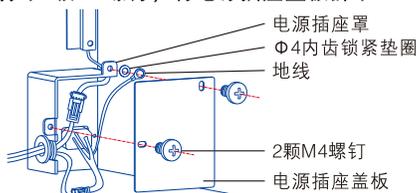
⚠ 注意

1. 放物件前，空柜运行4小时。
2. 除湿时，防潮主机表面温度会升高，发热时间约35分钟（不同机型有些差别）。
3. 存放湿气重的物品如纸类、布类、包装类，请用风扇吹干后再存放。

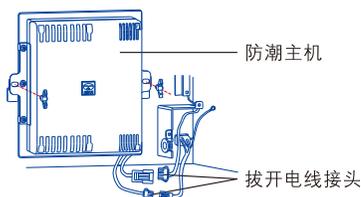
如遇防潮主机有问题，需要拆下，按如下步骤进行(必须先断开电源):

一、适用：HC系列防潮柜（除HC40外）

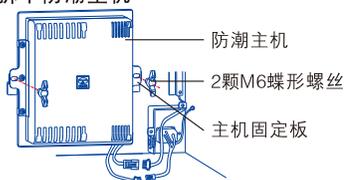
1. 拧下2颗M4螺钉，将电源插座盖板拆下



2. 将与主机连接的电线接头拨开

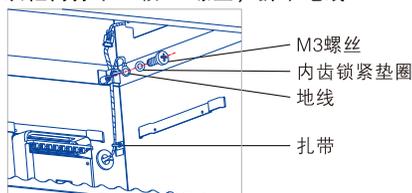


3. 将固定防潮主机的2颗蝶形螺丝松开，就可以拆下防潮主机

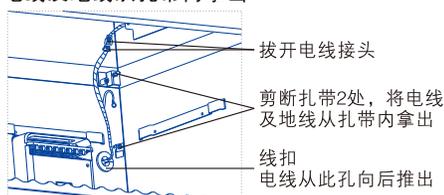


二、适用：HC40 防潮柜

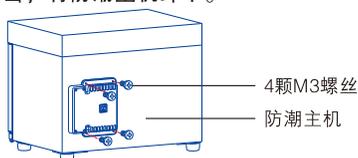
1. 从柜内拧下一颗M3螺丝，拆下地线



2. 剪断2处扎带,将与主机连接的电线接头拨开将电线及地线从扎带内拿出



3. 从柜体后板拆下4个M3螺丝，把电线从线扣抽出，将防潮主机卸下。



八 物品储存湿度参考表

相对湿度值	适合储藏物品
55%-60%RH	纸类：画、古董、纸币、古书、传真纸、复印纸、打印纸等
45%-55%RH	光学：摄像机、音响、电脑用品、相机、镜头、显微镜、CD、望远镜、内视镜、底片、影带、微缩影片、磁碟机、幻灯片等
35%-45%RH	精密材料：金属、非金属、金属粉末制品、电器、电子产品、半导体、电容器、印刷电路板、钨丝、IC、电池等； 精密机器仪器产品：附件、耗材、晶体、精密量具、光学镜片、单光仪、分光仪等
35%-25%RH	化工原料：制药原材料、调料、涂料、粉料、粉末材料、接着剂； 农园研究用品：种子、花粉、干燥花等

▲ 注意 环境相对湿度值25%RH以下禁止使用

九 包装清单

序	名称	单位	HC40	HC50	HC70	HC110	HC200
1	国标三插品字尾电源线	套	1	1	1	1	1
2	钥匙	把	2	2	2	2	4
3	隔板	块	1	1	2	3	4
4	导轨	件	0	2	4	6	8
5	海绵	件	2	2	3	4	6
6	说明书	份	1	1	1	1	1

十 HC系列参数表

型号	HC40	HC50	HC70	HC110	HC200
容量(L)	40	50	70	110	200
重量(kg)	8.4	12.7	16.2	23.5	36.5
规格高×宽×深(mm)	420X400X330	520×400×335	680×400×335	820×450×380	1250×450×420
湿度控制方式	全自动电子除湿				
门材质	铝门框、丝印钢化玻璃(HC40为PVC门框)				
箱体材质	冷轧钢板, 粉末喷涂				
额定电压	AC 110V~240V 50/60Hz				
耗电量(kW/月)	1.0~2.5	1.3~3.4	1.3~3.4	1.3~5.3	1.5~5.3
隔板数量(套)	1	1	2	3	4

以上参数信息如有变更, 恕不另行通知, 敬请原谅!



HC40



HC50



HC70



HC110



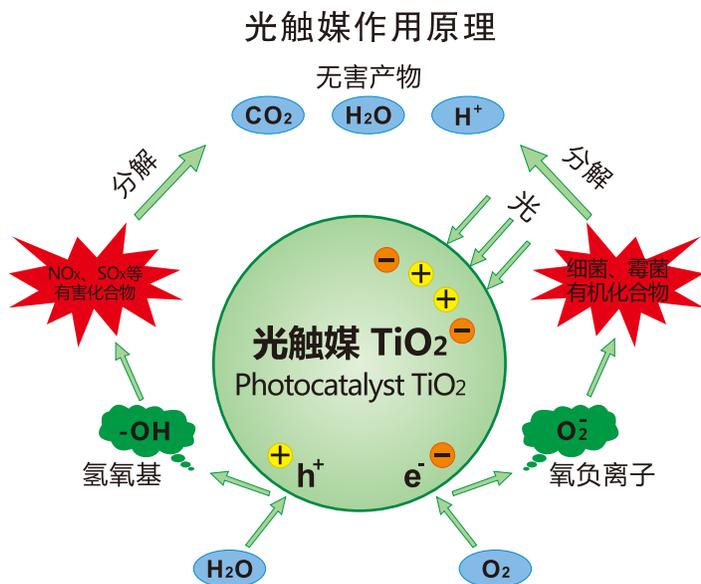
HC200



行业革命性创新，



打造至高防霉级别防潮柜!



光触媒在光的照射下，会产生类似光合作用的光催化反应，其内部由于吸收光能而激发产生电子·空穴对，即光生载流子，然后迅速迁移到其表面并激活被吸附的氧和水分，产生活性自由氢氧基（·OH）和活性氧（·O），具有很强的光氧化还原功能，可氧化分解各种有机化合物和部分无机物，当污染物以及细菌吸附其表面时，就会发生链式降解反应，把有机污染物分解成无污染的水（H₂O）和二氧化碳（CO₂），因而具有极强的杀菌、除臭、防霉、防污自洁、净化空气功能。

光触媒利用空气中的氧分子及水分子将所接触的有机物转换为二氧化碳和水，自身不起变化，却可以促进化学反应的物质，有效期非常长久，维护成本低。光触媒本身无毒无害，已广泛用于食品、医药、化妆品等各种领域。



光触媒实验组



对照组



銳銳防霉防霉
更懂你的防霉 以上等防霉

思锐HC系列防潮柜产品全部安装有光触媒，强效抑菌杀菌、防霉，同时还具备除臭、抗污、净化功能。

思锐电子防潮柜对污染物：甲醛、苯等有害物质产生异味、臭味去除率的检测报告
检测结果表明：在50L试验箱内，开启送检样品作用24小时后，污染物甲醛(Formaldehyde)的去除率为83.9%，苯(Benzene)的去除率为86%。

广东省微生物分析检测中心
GUANGDONG PROVINCE CENTER OF MICROBIOLOGY ANALYSIS AND TESTING
分析检测报告
REPORT NO. 20230701

样品名称	思锐电子防潮柜	检测方法/标准	标准/标准
委托单位名称	思锐防潮柜	样品来源/用途	检测
委托单位名称	广东省微生物分析检测中心	检测日期	2023.07.01
检测项目	甲醛、苯	检测日期	2023.07.01
检测日期	2023.07.01	检测日期	2023.07.01
检测地点	广东省微生物分析检测中心	检测地点	广东省微生物分析检测中心

分析检测结果

检测项目	检测时间	检测结果		检测单位
		初始浓度 (ug/m ³)	检测浓度 (ug/m ³)	
甲醛	2023.07.01	1.01	0.15	83.9%
苯	2023.07.01	1.11	0.15	86%

检测说明：本检测中心按照《GB 18287-2012 电子防潮柜》标准进行检测。检测过程中，将样品放入试验箱内，在24小时内进行检测。检测结果符合标准要求。

检测日期：2023.07.01

检测地点：广东省微生物分析检测中心

检测人员：李长秋
检测日期：2023.07.01

检测单位：广东省微生物分析检测中心