

红外线加热管:

短波 Short Wave

Features & Benefits of short-wave infrared heating lamp

- ◆ Small volume, large power, rapid rise of temperature, minimal thermal inertia, long life.
- ◆ Good permeability to flat objects. Its specific radiation performance can meet the workpiece under the speed of 0.5-120m/min fast drying molding;
- ◆ The gold coating on the infrared heating tube reflects infrared radiation, which almost doubles the effective radiation of the product.

Application:

Mainly used in solar energy industry, shoemaking machinery, plastic bottle blowing machine, printing and dyeing machine, acrylic production, food processing, drying or heating fore-shrink molding machine on the assembly line. There are also local fast high temperature heating and baking machines such as ovens.

型号 Type	功率 Wattage W	电压 Voltage V	色温 Color Temperature K	管径 Tube Diameter mm	总长度 Total Length mm	寿命 Life H	冷端长度 Cold Length mm
HYIR	200	110-240	2000-2500	8-10	118-250	5000	≥
	500	110-380	2000-2500	10-12	150-400	5000	
	800	110-380	2000-2500	10-14	250-500	5000	
	1000	110-400	2000-2500	10-18	280-800	5000	
	1200	110-440	2000-2500	10-18	350-1000	5000	
	1500	120-440	2000-2500	12-18	350-1200	5000	
	1800	220-480	2000-2500	12-18	350-1500	5000	
	2000	220-480	2000-2500	12-18	350-1800	5000	
	2500	235-480	2000-2700	12-18	350-1800	3000	
	3000	235-480	2000-2700	12-18	350-2000	3000	
	3500	235-575	2000-2700	12-18	350-2000	2500	
	4000	380-575	2000-2700	14-18	350-2000	2500	

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双管

Features & Benefits of twin tube infrared heating lamp

- High quality quartz dual-hole tube can achieve higher power density and exert good radiation effect in small space;
- A gold coating on the infrared it doubles the efficient radiation onto the product;
- It can one side connection or two side connection which makes installation easier.

型号 Type	功率 Wattage W	电压 Voltage V	色温 Color Temperature K	管径 Tube Diameter mm	总长度 Total Length mm	寿命 Life H	出线方式 Connection Side	
HYIR	500	110-240	2450	11*23	110-450	5000	One-side OR Two-side	
	800	110-380	2450	11*23	250-800	5000		
	1000	110-400	2450	11*23	280-1000	5000		
	1200	110-440	2450	11*23	300-1000	5000		
	1500	120-440	2450	11*23 15*33	300-1000	5000		
	1800	220-440	2450		300-1500	5000		
	2000	220-480	2450		300-1500	5000		
	2500	230-480	2450		300-2000	5000		
	3000	230-480	2450		300-2000	3000		
	3500	230-480	2450		300-2000	3000		
	4000	230-480	2450		300-2000	3000		
	5000	230-480	2450		500-2000	3000		Two-side
	6000	230-480	2450		500-2000	3000		Two-side

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特殊形状的加热管 special shape heating tube

Features & Benefits of special shape heating tube

These special infrared lamp tubes are shaped precisely to match the shape of the product to be heated. They help automatically the deburring of plastic parts to weld within seconds or to activate adhesives locally.

Contactless heating

Directed heating of edge, corners and small surfaces.

High power on a small area

On/off within seconds

Automation of complex processes

Saves energy due to heating is only generated where it is needed.

Please give us the 3D drawing, and we will produce your ideal products.

中波 Medium Wave

红宝石

Features & Benefits of ruby tube infrared heating lamp

Soft color, rapid rise of temperature, minimal thermal inertia, long life.

Application:

Heater, disinfection cabinet, paint baking machine, light wave air conditioning, drying and curing machine, food processing, etc.

型号 Type	功率 Wattage W	电压 Voltage V	色温 Color Temperature K	管径 Tube Diameter mm	总长度 Total Length mm	寿命 Life H	冷端长度 Cold Length mm
HYIR	200	110-240	1100	10	118-250	5000	≥
	500	110-380	1100	10-12	150-400	5000	
	800	110-380	1100	10-12	250-500	5000	
	1000	110-400	1100	10-12	280-800	5000	
	1200	110-440	1100	10-12	350-1000	5000	
	1500	120-440	1100	10-12	350-1200	5000	
	1800	220-480	1100	12	350-1400	5000	
	2000	220-480	1100	12	350-1400	5000	
	2500	235-480	1100	12	350-1400	3000	
	3000	235-480	1100	12	350-1400	3000	

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全镀金

Features & Benefits of gold coat infrared heating lamp

Soft color, rapid rise of temperature, minimal thermal inertia, long life.

Application:

Heater, bath heater, disinfection cabinet, paint baking machine, light wave air conditioning, drying and curing machine, food processing, etc.

型号 Type	功率 Wattage	电压 Voltage	色温 Color	管径 Tube	总长度 Total	寿命 Life	冷端长度 Cold
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	W	V	Temperature K	Diameter mm	Length mm	H	Length mm
HYIR	200	110-240	1100	10-12	118-250	5000	≥
	500	110-380	1100	10-12	150-400	5000	
	800	110-380	1100	10-14	250-500	5000	
	1000	110-400	1100	10-18	280-600	5000	
	1200	110-440	1100	10-18	350-600	5000	
	1500	120-440	1100	12-18	350-600	5000	
	1800	220-480	1100	12-18	350-600	5000	
	2000	220-480	1100	12-18	350-600	5000	

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角丝

Features & Benefits of medium wave infrared heating lamp

Soft color, rapid rise of temperature, minimal thermal inertia, long life.

Application: Heater, disinfection cabinet, paint baking machine, light wave air conditioning, drying and curing, food processing, etc.

型号 Type	功率 Wattage W	电压 Voltage V	色温 Color Temperature K	管径 Tube Diameter mm	总长度 Total Length mm	寿命 Life H	冷端长度 Cold Length mm
HYIR	300	110-240	1580	10-12	118-250	5000	≥
	500	110-380	1580	10-12	150-400	5000	
	800	110-380	1580	10-14	250-1000	5000	
	1000	110-400	1580	10-18	280-1000	5000	
	1200	110-440	1580	10-18	350-1000	5000	

	1500	110-440	1580	12-18	350-1000	5000	
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远红外长波 Long Wave

碳纤维

Features & Benefits of carbon fiber infrared heating lamp

A physiological wavelength suitable for human absorption, soft color, no use direction, vibration resistance, small starting current, long life, energy saving.

Application:

Heater, physiotherapy apparatus, sauna room, low-temperature drying oven, paint baking machine, etc.

型号 Type	功率 Wattage W	电压 Voltage V	色温 Color Temperature K	管径 Tube Diameter mm	总长度 Total Length mm	寿命 Life H	冷端长度 Cold Length mm
HYIR	300	110-240	1000	10	118-250	6000	≥
	500	110-380	1000	10	150-400	6000	
	800	110-380	1000	10-12	250-1000	6000	
	1000	110-400	1000	10-12	280-1000	6000	
	1200	110-440	1000	10-12	350-1000	6000	
	1500	110-440	1000	12-14	350-1000	6000	
	2000	220-440	1000	12-14	350-1000	5000	
	2200W	230-440	1000	14	600-1100	5000	
	3200W	230-440	1000	14	600-1100	5000	

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UV 灯

Features & Benefits of UV curing lamp

- A long service life
- Short exposure times
- Reliably generated high UV emission throughout the long life
- Reliable ignition

Application:

Widely used in footwear, plastic, metal, paper, optical fiber, spraying, printing, plate printing and other industries.

型号 Type	功率 Wattage W	电源电压 Supply Voltage V	总长度 Total Length mm	弧长 Arc Length mm	管径 Tube Diameter mm	工作电压 Working Voltage V	寿命 Life H
HYUV	1000	220	230	130	22.5	120	800
	2000	220	350	235	22.5	1125	800
	2000	380	400	250	22.5	315	800
	3000	380	620	510	22.5	660	800
	5000	380	775	635	22.5	650	800
	6000	380	1016	910	22.5	950	800
	7000	380	865	720	22.5	800	800
	8000	380	800	700	22.5、25	900	800
	9600	380	1390	1270	22.5	1570	800
	10000	380	960	839	22.5、25	1050	800
	11000	380	1480	1360	22.5	1870	800

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UV 杀菌灯

Features & Benefits of UV germicidal lamp

- High UV efficiency (40%)
- Low energy consumption
- Low surface temperature
- Output is 30% to 60% higher than soft glass lamp
- Can be customized according to customers' requirements
- Mainly used for air, water and surface disinfection. Air disinfection plays an important

role in a wide range of applications, such as hospitals, schools, offices, public transport, recreational venues and the food processing industry.

- Water purification can be used for residential equipment, municipal installations and industrial applications.
- Surface disinfection can be used to deeply disinfect surfaces in high contact areas such as schools, retail stores, offices and public transport.

Important note:

Ultraviolet rays can cause burns to eyes and skin. Humans, animals and plants must leave the site during disinfection. Avoid direct exposure to ultraviolet rays! After use, ventilation for more than 30 minutes is recommended.

	无臭氧 Ozone-free	产生臭氧 Ozone-generating
波长 Wavelength	253.7nm	253.7nm, 185nm
民用: 功率 Civilian: Wattage	4-40W	4-40W
工业用: 功率 Industrial: Wattage	40W-600W	40-600W
总长度 Total Length	100-1600mm	100-1600mm
管径 Tube Diameter	12mm 16mm 17.5mm 19mm 26mm	12mm 16mm 17.5mm 19mm 26mm

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准分子灯

At present, the main products are 172nm excimer lamps, 222nm excimer lamps and 308nm excimer lamps.

Features & Benefits of excimer lamp

- High efficiency The conversion from electricity to light is highly efficient; it can produce large amounts of power even with low power
- A long service life There is no inherent electrode corrosion phenomenon of traditional

light source

- Instant On/Off dispense with preheating, ~~no~~ dispense with shutter,

Switching times do not affect the life

- Cold light source Single wavelength, It does not produce high temperature caused by infrared output and has no obvious heating effect on the treated object
- Mercury free No trouble of secondary pollution and waste recycling
- Installation direction is not restricted

Applications:

- The 308nm excimer lamp is mainly used in the treatment of skin diseases (vitiligo, psoriasis, psoriasis).
- The 222nm excimer lamp filters out harmful wavelengths through a filter without causing harm to the human body. It can be widely used for sterilization in the public places, such as meeting rooms, elevators, classrooms, hospitals, restaurants, industrial kitchens, public transportation equipment, toilets, changing rooms, meat production/processing, etc., and other general surface disinfection applications.
- The 172nm excimer lamps are mainly used for surface cleaning, breaking surface chemical bonds, improving adhesion, gas decomposition, hardening of paint surface, making ultra-pure water, etc.