HIGH EFFICIENCY PAINT CURING EQUIPMENT

FY-TECH introduces a new generation of paint curing equipment in collaboration with the British company WELDMAN ™



THE MOST WIDELY USED, ENVIRONMENTALLY FRIENDLY, PAINT CURING SYSTEM

ISO 9001:2015

One of the best infrared equipment preferred by automobile manufacturer's world wide.

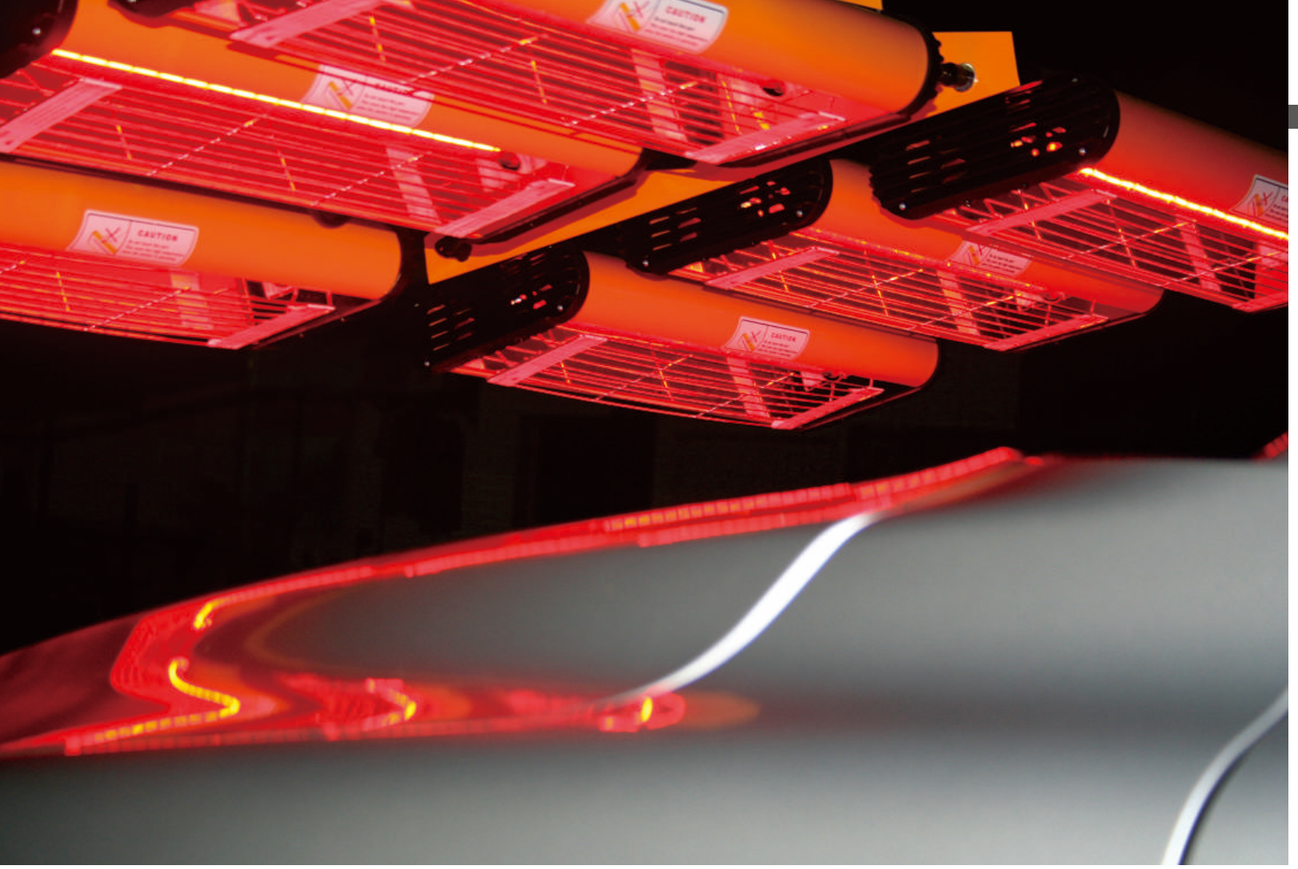


providing solutions to customers worldwide

ZHUHAI FLY-EAGLE ELECTRICAL APPLIANCE CO.,LTD.
Http://www.zhfeiying.com
Email: zhfy-001@vip.163.com

2024

Equipment subject to change without notice. This catalogue is for reference only the actual products serve as standard(2024 version)



CE marking is the mandatory conformity mark for products placed on the market in the European Economic Area (EEA) and confirms that the product complies with all the legal requirements and ensures validity so the product can be sold. This includes four basic requirements for mechanical and electrical products which are safety, health, environmental protection and customer protection. In conforming to the requirements, a level of safety is ensured for the products that enter into the European market.









A quality management system (QMS) is a collection of business processes focused on achieving quality policy and quality objectives to meet customer requirements. The Process Based QMS enables the organizations to identify, measure, control and improve the various core business processes that will ultimately lead to improved business performance.

ISO 9001:2015





Provide superior quality products to win market share

WORLD LEADER OF AUTOMOBILE PAINT CURING TECHNOLOGY

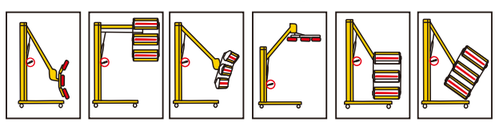
WELDMAN™ has achieved its market leading status for many years by producing affordable, quality equipment. With over 20 years of experience and continuous improvement, their products are the result of overcoming many technical challenges.

For WELDMAN™, improving quality is an ever evolving process and it is a focal point in their worldwide production lines and factories. Their products are brought to the world market by a network of multinational factories, importers and distributors who trust their high quality products and unique materials, professional techniques and years of experience.

Quality And Standard

With a prioritization on quality standards, WELDMAN's worldwide factories comply with the ISO9001:2015 standard which few multinational companies are able to achieve.

Emitters can be rotated to any angle



35car manufacturers designated equipment

Exports more than **50** countries and regions

GLOBAL QUALITY TRUST

TO GAIN THE TRUST OF OUR CUSTOMERS WITH HIGH QUALITY PRODUCTS AND EXCELLENT SERVICE.



Top 10 Enterprises in the China Auto Maintenance Equipment Industry

For five consecutive years, from 2006 through to 2015, we have been awarded as one of the “Top 10 Enterprises in the China Auto Maintenance Equipment Industry”. The award was hosted by Auto Driving & Service magazine The organizers introduced candidate brands for the award through Auto Driving & Service magazine and its website where readers and netizens could vote. Fifty of the largest vehicle maintenance enterprises, technology directors and main technical personnel of 4S work shops also participated in the vote. The host came to a decision by collating the voting results, consumer and media opinions along with inspections and evaluations of the short listed companies. It was the first time that a company in the domestic automobile maintenance equipment industry was elected to the top 10 enterprises. This award winning enterprise established itself as a core figure in the domestic automobile maintenance industry, contributing to develop the now recognized industrial norms and standards.













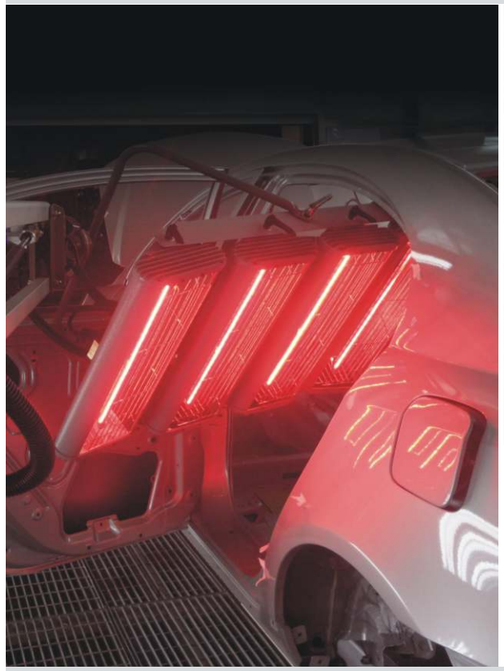






Professional Automobile Paint Training Center













UV-A PAINT CURING SYSTEM WITH THE WORLD'S QUICKEST CURING SPEED

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

FY-4UV-A

Description

- Aluminum alloy mould is adopted for the whole body, which is stable, portable and durable
- UV-A light source with strong penetration. Instantly curing the paint with beautiful surface luster.
- Lamp cassette is able to rotate freely up and down in multiple directions independently that allows the users to cure the cars in different angles
- Equipped with a separate handheld lamp, which can be used in a portable way, suitable for various parts of the cars
- Unlike the traditional UV lamp, UVA is equipped with the latest UV LED cold light source technology. It doesn’ t not produce any heat during work and has advantages such as not harmful to the eyes and skin and no ozone .Adopted switch power control with high efficiency and energy saving
- High resolution LCD screen, advanced DSP digital control technology and user-friendly operation interface
- Equipped with a block out shade and work table
- Equipped with protective cover against clamping hands between the support arms.
- Equipped with aluminum alloy handle and caster with brake, easy to move.



金属避光调漆盘
Block out shade



轻便的手提式烤漆灯 重量仅1.2kg
Weightl only 1.2kg

FY-2UV-A

UV-A



Specifications	Input power	Power	Time setting	Curing distance	Curing area	Suggested Curing Time	Overall dimensions	weight (Main machine)
FY-2UV-A	AC200-240V 50/60Hz	210W	3-5-10mins可调 (Adjustable)	500mm	550x700mm	3-5-10mins	800x1150x2450mm	66.5kg
FY-4UV-A	AC200-240V 50/60Hz	350W	3-5-10mins可调 (Adjustable)	500mm	550x1400mm	3-5-10mins	800x1150x2450mm	70kg

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

UV-A 1min



FY-5000UVA

Our equipment is designated as supplies for 35 well known automobile manufacturers

NEW GENERATION OF DIGITAL INTELLIGENT CURING SYSTEM WITH DOUBLE LIGHT SOURCE

Features

※Aluminum alloy mould is adopted for the whole body, which is stable, portable and durable
※Shortwave infrared and UVA, two curing light sources.
※UVA emitter with strong penetration,Instanttly curing the paint with beautiful surface luster.
※Unlike the traditional UV lamp,UVA is equipped with the latest UVLED cold light source technology. It doesn't produce any heat during work and has advantages such as not harmful to the eyes and skin. Adopted switch power control with high efficiency and energy saving.
※High resolution LCD screen, advanced DSP digital control technology and user-friendly operation interface
※Power supply 220V-400V,50/60Hz,4100W
※Curing area: 1400x1000mm
※Temperature :40C-100C
※Time setting: 0-99 mins Adjustable
※Power setting is available
※Automatic overload protection
※Distance and temperature sensors
※Automatic curing paint program
※Suggested curing time: 3-5-10 mins

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without residue.
Preheating function, anti-moisture and anti-fog.

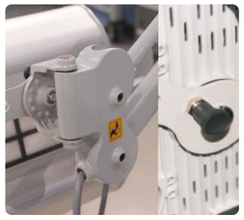
Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity
and reduce your operating costs.



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.



Control system with PET hot press moldingtechnique for high stability and durability



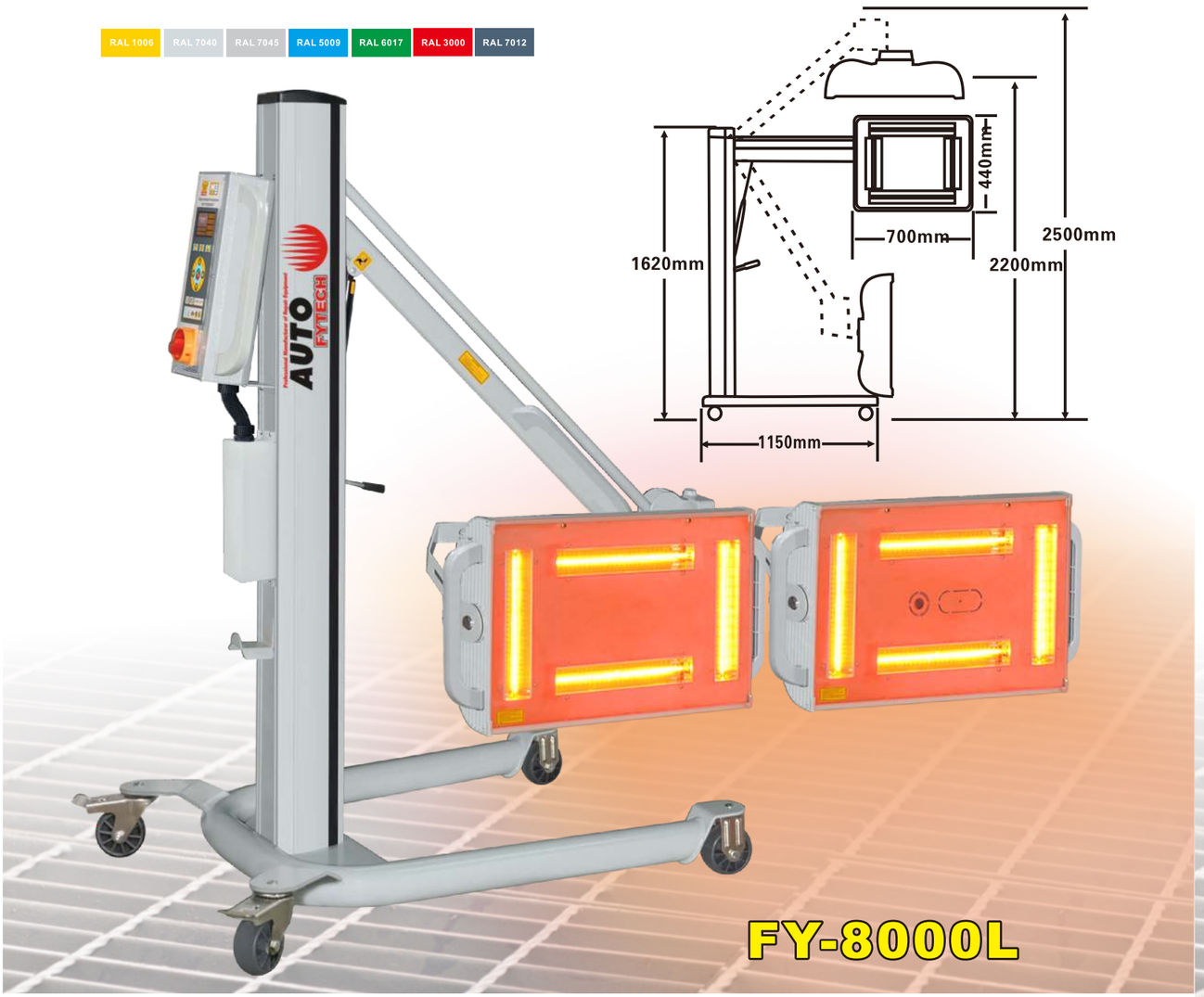
Aluminum alloy die-casting mold forming connector allows a 360 degree rotation movement



Equipped with Philips or Vpower gold coated shortwave infrared halogen lamp tube

NEW GENERATION OF DIGITAL INTELLIGENT CURING SYSTEM

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012



FY-8000L

Features

※Made from aluminium alloy and 304 grade bright stainless steel reflectors.
※Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
※Automatic device with a digital operation panel and LCD display electronic functions.
※Hydraulic lifter with an independent switch and 360° rotation.
※Regular and pulse curing function.
※Power supply of 200-400V, 50/60Hz and 4×1000W/ 8×1000W.
※Curing area of 1400mm×1000mm/2500mm×1100mm.
※Adjustable temperature range of 40℃-100℃.
※Adjustable timer of 0min-99mins.
※Power setting is available.
※Automatic overload protection.
※Automatic distance and temperature sensor.
※Automatic paint curing function.
※Each emitter can be independently controlled.

NEW GENERATION OF DIGITAL INTELLIGENT CURING SYSTEM

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012



FY-5000L



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.



Control system with PET hot press moldingtechnique for high stability and durability



Aluminum alloy die-casting mold forming connector allows a 360 degree rotation movement



Equipped with Philips or Vpower gold coated shortwave infrared halogen lamp tube

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012



Our equipment is designated as supplies for 35 well known automobile manufacturers

NEW GENERATION OF DIGITAL CURING SYSTEM

Features

※Made from aluminium alloy and 304 grade bright stainless steel reflectors.
※Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
※Automatic device with a digital operation panel and LCD display electronic functions.
※Hydraulic lifter with an independent switch and 360° rotation.
※Regular and pulse curing function.
※Power supply of 200-400V, 50/60Hz and 6×1000W
※Curing area of 1800mm×1100mm
※Adjustable temperature range of 40℃-100℃.
※Adjustable timer of 0min-99mins.
※Power setting is available.
※Automatic overload protection.
※Automatic paint curing function.
※Each emitter can be independently controlled.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without residue.
Preheating function, anti-moisture and anti-fog.

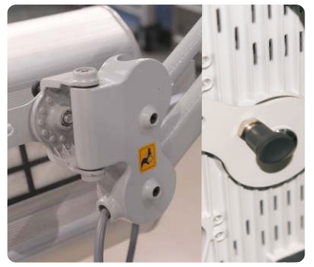
Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity
and reduce your operating costs.



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.



Control system with PET hot press moldingtechnique for high stability and durability

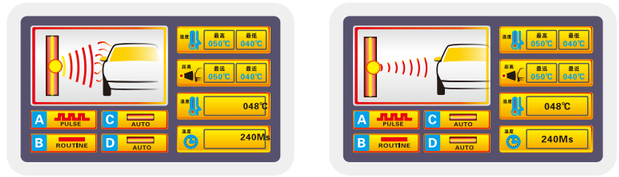


Aluminum alloy die-casting mold forming connector allows a 360 degree rotation movement



Equipped with Philips or Vpower gold coated shortwave infrared halogen lamp tube

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012





Our equipment is designated as supplies for 35 well known automobile manufacturers

NEW GENERATION OF DIGITAL INTELLIGENT CURING SYSTEM WITH DOUBLE LIGHT SOURCE

Features

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
- Automatic device with a digital operation panel and LCD display electronic functions.
- Hydraulic lifter with an independent switch and 360° rotation.
- Regular and pulse curing function.
- Power supply of 200-400V, 50/60Hz and 4×1000W
- Curing area of 1400mm×1000mm
- Adjustable temperature range of 40℃-100℃.
- Adjustable timer of 0min-99mins.
- Power setting is available.
- Automatic overload protection.
- Automatic distance and temperature sensor.
- Automatic paint curing function.
- Equipped with paint inspection light that allows users to inspect the even distribution of paint, pinhole effect, dirty spot, spiracle and any paint damage.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without residue.
Preheating function, anti-moisture and anti-fog.

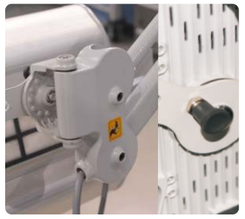
Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity
and reduce your operating costs.



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.



Control system with PET hot press moldingtechnique for high stability and durability

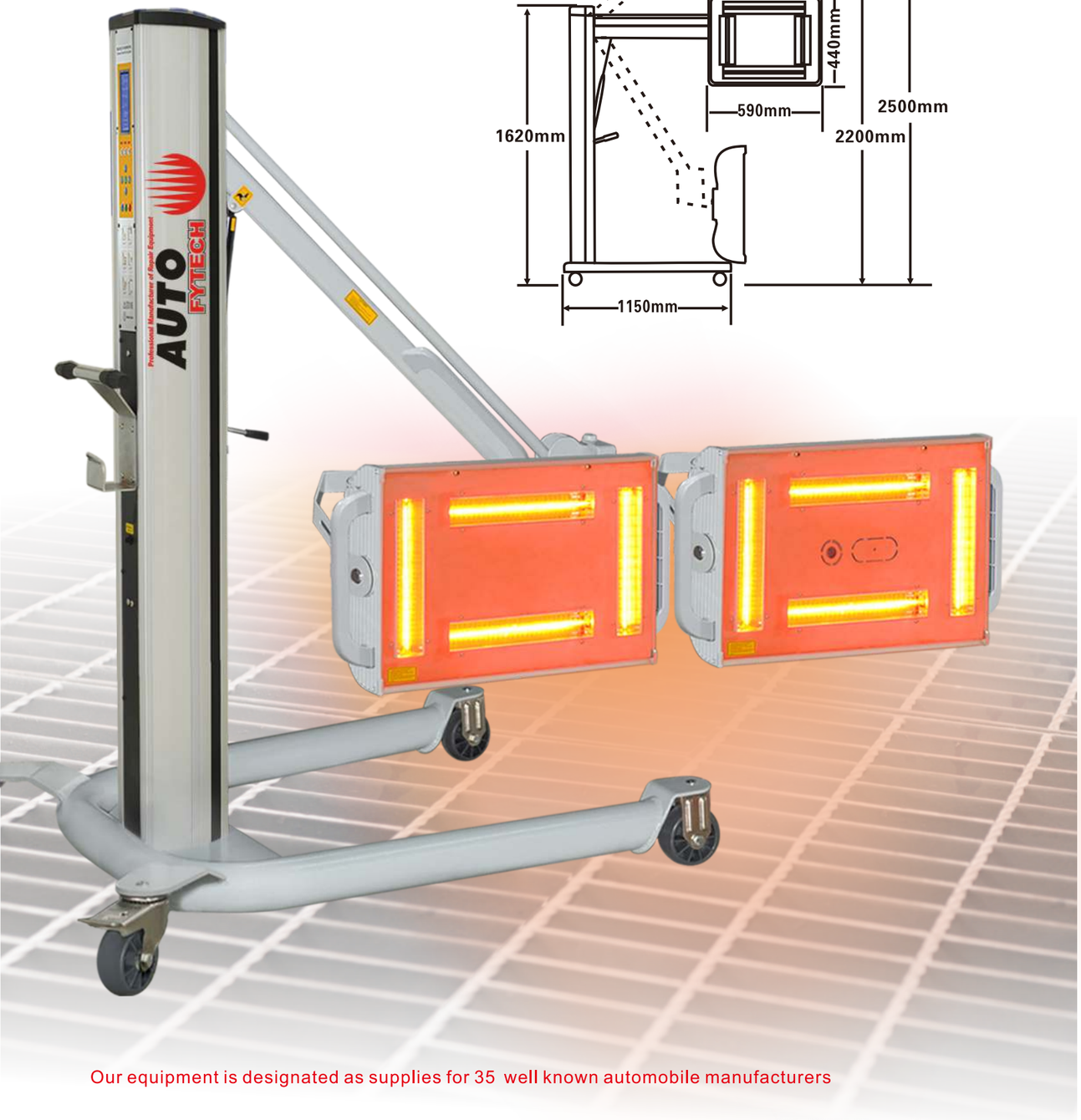


Aluminum alloy die-casting mold forming connector allows a 360 degree rotation movement



可选用PHILIPS或VPOWER防震镀金卤数短波红外线灯管
Equipped with Philips or Vpower gold coated shortwave infrared halogen lamp tube

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012



Our equipment is designated as supplies for 35 well known automobile manufacturers

NEW GENERATION OF ALUMINIUM ALLOY PAINT CURING SYSTEMS



FY–8WM

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
- Fully automatic device with an electronic timer and power settings with LED display.
- Hydraulic lifter with an independent switch and 360° rotation.
- Regular and pulse preheat curing function.
- Power supply of 200-400V, 50/60Hz and 8×1000W.
- Curing area of 2000mm×1100mm.
- Adjustable temperature range of 40□ -100□ .
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Each emitter can be independently controlled.



FY–8CM

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
- Fully automatic device with LED display electronic functions.
- Hydraulic lifter with an independent switch and 360° rotation.
- Regular and pulse preheat curing function.
- Power supply of 200-400V, 50/60Hz and 8×1000W.
- Curing area of 2000mm×1100mm.
- Adjustable temperature range of 35□ -100□ .
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Automatic distance sensor.
- Automatic paint curing function.
- Each emitter can be independently controlled.



FY–8DM

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
- Fully automatic device with a digital operation panel and LCD display electronic functions.
- Hydraulic lifter with an independent switch and 360° rotation.
- Regular and pulse preheat curing function.
- Power supply of 200-400V, 50/60Hz and 8×1000W.
- Curing area of 2000mm×1100mm.
- Adjustable temperature range of 40℃-100℃.
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Automatic distance and temperature sensor.
- Automatic paint curing function.
- Each emitter can be independently controlled.

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012



PET hot press molded control system for high stability and durability

Handle bar with cable holder, practical and durable

Aluminium alloy, die-casted, mold formed connector allows 360° rotation.

Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).

Our equipment is designated as supplies for 35 well known automobile manufacturers

NEW GENERATION OF ALUMINIUM ALLOY PAINT CURING SYSTEMS



FY–4WM

- Made from aluminium alloy and 304 grade bright stainless steel reflector.
- Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
- Fully automatic device with an electronic timer and power setting with LED display.
- Hydraulic lifter with an independent switch and 360° rotation.
- Regular and pulse preheat curing function.
- Power supply of 200-400V, 50/60Hz and 4×1000W.
- Curing area of 1200mm×1000mm.
- Adjustable temperature range of 40℃-100℃.
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Each emitter can be independently controlled.



FY–4CM

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
- Fully automatic device with LED display electronic functions.
- Hydraulic lifter with an independent switch and 360° rotation.
- Regular and pulse preheat curing function.
- Power supply of 200-400V, 50/60Hz and 4×1000W.
- Curing area of 1200mm×1000mm.
- Adjustable temperature range of 35℃-100℃.
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Automatic distance sensor.
- Automatic paint curing function.
- Each emitter can be independently controlled.



FY–4DM

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).
- Automatic device with a digital operation panel and LCD display electronic functions.
- Hydraulic lifter with an independent switch and 360° rotation.
- Regular and pulse preheat curing function.
- Power supply of 200-400V, 50/60Hz and 4×1000W.
- Curing area of 1200mm×1000mm.
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- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Automatic distance and temperature sensor.
- Automatic paint curing function.
- Each emitter can be independently controlled.

FY-TECH

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

TO CHALLENGE THE NEW STANDARD OF PAINT CURING EQUIPMENT

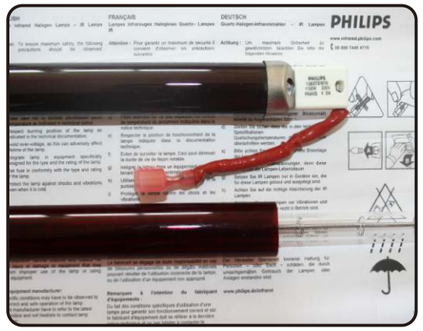
Product Description

Generally speaking the higher the temperature the shorter the wavelength produced. The difference between the three types (long, medium and short) is in the depth of penetration through the paint film (in automotive applications) and excitement of the molecular structure. The advantage of using infrared is that it only heats objects that are placed in its path, directly focusing energy where it is needed. Infrared equipment causes molecular excitement both in the paint and in the substrate which in turn causes heat to pass back through the coating via conduction. The use of shortwave infrared is in fact triggering two way curing using radiated energy from the surface and conduction from the substrate and it is this effect that produces such good through curing. Shortwave produces high temperatures that dramatically accelerate the curing/drying process, unlike the traditional method where the cured paint could not be skinned. This trapped solvent will produce a solvent pop (a pinhole effect) in the finish. Another benefit is that infrared is much more efficient than convection, and it is this combination of fast, high quality curing with low running costs that make our units stand out.

A reliable and highly effective machine - it can reduce your total cost in paint curing by up to 75%. .

Features

※Made from aluminium alloy and 304 grade bright stainless steel reflectors.
※Equipped with VPOWER's 21″ quartz short wave infrared halogen lamp (Optional PHILIPS lamps also available) .
※utomatic device with LCD display electronic timer and digital power settings.
※Hydraulic lifter with an independent switch and 360° rotation.
※With pulse ultrasonic paint curing function.
※Power supply of 200-400V, 50/60Hz and 6×1100W.
※Curing area of 1800mm ×1000mm.
※Adjustable temperature of 40℃-100℃.
※Adjustable timer of 0min-99mins.
※Temperature setting is available.
※Automatic distance sensor.
※Automatic temperature measurement.
※Automatic paint curing function.
※Each emitter can be independently controlled.



FY-6D is equipped with VPOWER's shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevents damage to the paint surface caused by problems with the emitter.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity
and reduce your operating costs.





Our equipment is designated as supplies for 35 well known automobile manufacturers

FY-6D

With automatic temperature and distance sensors, the system alerts you when the emitter and panel are too close or if the temperature is too high.

PROFESSIONAL AND INNOVATIVE

FY-6D

[Professional performance with improved features]
FY-6D adopts a high precision LCD display system and VPOWER's IR lamps. Compared to its previous generation, the overall design is more user friendly. The large LCD display shows clearly the distance between panel and emitter, curing time and panel temperatures being achieved. It will also alert you when the emitter and panel are too close. Fully compatible with previous models but with a more efficient and reliable performance and is suitable for curing most water based paints.



New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes, without residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity and reduce your operating costs.

Features

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER’ s 21” quartz short wave infrared halogen lamps (Optional PHILIPS lamp available).
- Automatic device with an electronic timer and power settings with LED display.
- Hydraulic lifter with an independent switch and 360° rotation.
- With pulse ultrasonic paint curing function
- Power supply of 200-400V, 50/60Hz and 6×1100W.
- Curing area of 1800mm ×1000mm.
- Adjustable temperature range of 40℃-100℃.
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic distance sensor.
- Automatic paint curing function.
- Each emitter can be independently controlled.







Product Description

Generally speaking the higher the temperature the shorter the wavelength produced. The difference between the three types (long, medium and short) is in the depth of penetration through the paint film (in automotive applications) and excitement of the molecular structure. The advantage of using infrared is that it only heats objects that are placed in its path, directly focusing energy where it is needed. Infrared equipment causes molecular excitement both in the paint and in the substrate which in turn causes heat to pass back through the coating via conduction. The use of shortwave infrared is in fact triggering two way curing using radiated energy from the surface and conduction from the substrate and it is this effect that produces such good through curing. Shortwave produces high temperatures that dramatically accelerate the curing/drying process, unlike the traditional method where the cured paint could not be skinned. This trapped solvent will produce a solvent pop (a pinhole effect) in the finish. Another benefit is that infrared is much more efficient than convection, and it is this combination of fast, high quality curing with low running costs that make our units stand out.

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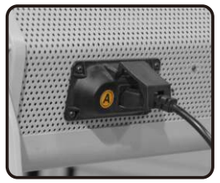
FY-6CL

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012





Ultrasonic sensors enable the equipment to alert you to when the emitter and panel are too close.

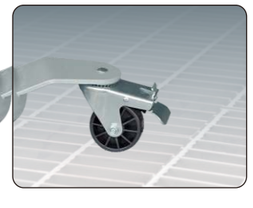


Tight fitting electrical plug and socket at the rear of case with a safe and reliable design.

FY-6CL is equipped with shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevents damage to the paint surface caused by problems with the emitter.



FY-6CL has a control system made using the PET hot press molding technique and has a touch key panel. It displays the time, temperature, distance and pulse curing functions for accurate settings according to the body paint requirements.



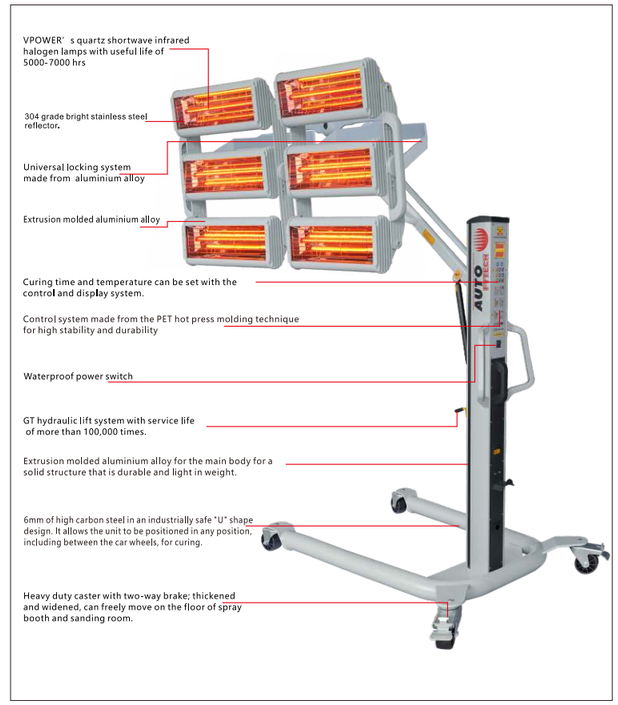
Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.

WE ARE ALWAYS LOOKING TO IMPROVE ON THE ENERGY EFFICIENCY OF OUR PAINT CURING EQUIPMENT.

COMBINING TECHNIQUE AND PRACTICE

FY-6W

FY-6W has a control system made using the PET hot press molding technique and has a touch key panel design. The digital window display is able to display time and temperature in the dual window. Each individual cassette can be independently controlled. You can choose from the VPOWER or PHILIPS breakage resistant shortwave infrared halogen lamps. It has a waterproof power switch for safety and a molded aluminium alloy main body for a stable and durable unit. It can reduce energy costs by up to 75% and greatly improve productivity.



Our equipment is designated as supplies for 35 well known automobile manufacturers

FY-TECH

LEADING TECHNOLOGY TRENDS

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

Product Description

Generally speaking the higher the temperature the shorter the wavelength produced. The difference between the three types (long, medium and short) is in the depth of penetration through the paint film (in automotive applications) and excitement of the molecular structure. The advantage of using infrared is that it only heats objects that are placed in its path, directly focusing energy where it is needed. Infrared equipment causes molecular excitement both in the paint and in the substrate which in turn causes heat to pass back through the coating via conduction. The use of shortwave infrared is in fact triggering two way curing using radiated energy from the surface and conduction from the substrate and it is this effect that produces such good through curing. Shortwave produces high temperatures that dramatically accelerate the curing/drying process, unlike the traditional method where the cured paint could not be skinned. This trapped solvent will produce a solvent pop (a pinhole effect) in the finish. Another benefit is that infrared is much more efficient than convection, and it is this combination of fast, high quality curing with low running costs that make our units stand out.

A reliable and highly effective machine.It can reduce your total cost in paint curing by up to 75%..

Features

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's 21" quartz short wave infrared halogen lamps.
- Automatic device with LCD display electronic timer and digital power settings.
- Hydraulic lifter with an independent switch and 360° rotation.
- With pulse ultrasonic paint curing function.
- Power supply of 200-400V, 50/60Hz and 3×1100W.
- Curing area of 1200mm ×1000mm.
- Adjustable temperature range of 40℃-100℃.
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Automatic distance sensor.
- Automatic temperature monitoring.
- Automatic paint curing function.
- Each emitter can be independently controlled.

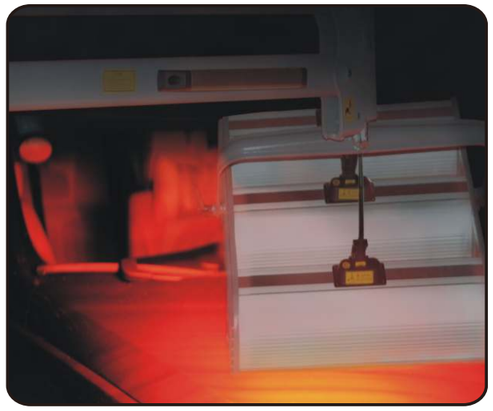


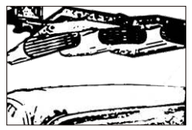
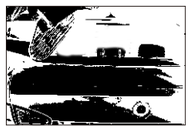
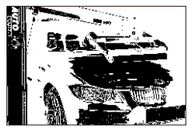
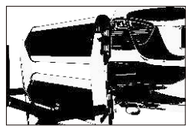
Handles on the column,easy to move and position the equipment

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without leaving residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity and reduce your operating costs.




Our equipment is designated as supplies for 35 well known automobile manufacturers





Professional And Innovative

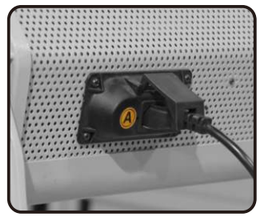
FY-3D

[Professional performance with improved features]
FY-3D adopts a high precision LCD display system and VPOWER IR lamps. Compared to its previous generation, the overall design is more user friendly. The large LCD display shows clearly the distance between panel and emitter, curing time and panel temperatures being achieved. It will also alert you when the emitter and panel are too close or if the temperature is too high. Fully compatible with previous models but with a more efficient and reliable performance and is suitable for curing most water based paints.

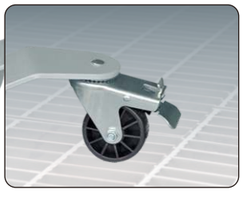




With cassette connector lamp can rotate 360°.



Tight fitting electrical plug and socket at the rear of case with a safe and reliable design.



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.



FY-3D is equipped with VPOWER' s shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevents damage to the paint surface caused by problems with the emitter.



Product Description

Generally speaking the higher the temperature the shorter the wavelength produced. The difference between the three types (long, medium and short) is in the depth of penetration through the paint film (in automotive applications) and excitement of the molecular structure. The advantage of using infrared is that it only heats objects that are placed in its path, directly focusing energy where it is needed. Infrared equipment causes molecular excitement both in the paint and in the substrate which in turn causes heat to pass back through the coating via conduction. The use of shortwave infrared is in fact triggering two way curing using radiated energy from the surface and conduction from the substrate and it is this effect that produces such good through curing. Shortwave produces high temperatures that dramatically accelerate the curing/drying process, unlike the traditional method where the cured paint could not be skinned. This trapped solvent will produce a solvent pop (a pinhole effect) in the finish. Another benefit is that infrared is much more efficient than convection, and it is this combination of fast, high quality curing with low running costs that make our units stand out.

Features

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's 21" quartz short wave infrared halogen lamps (Optional PHILIPS lamp available).
- Automatic device with LED display electronic timer and power settings.
- Hydraulic lifter with an independent switch and 360°rotation.
- With pulse ultrasonic paint curing function.
- Power supply of 200-400V, 50/60Hz and 3×1100W.
- Curing area of 1200mm ×1000mm.
- Adjustable temperature range of 40℃-100℃.
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Automatic distance sensor.
- Automatic paint curing function.
- Each emitter can be independently controlled.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without leaving residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity and reduce your operating costs.





Our equipment is designated as supplies for 35well known automobile manufacturers

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

FY-3C





Ultrasonic sensor enables the equipment to alert you to when the emitter and panel are too close.

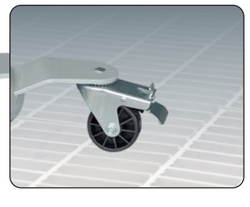


With cassette connector lamp can rotate 360°.

FY-3C is equipped with shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevents damage to the paint surface caused by problems with the emitter.



FY-3C has a control system made using the PET hot press molding technique and has a touch key design. It displays the time, temperature, distance and pulse curing functions for accurate settings according to the body paint requirements.



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.

FY-TECH

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

PERFECT UNION OF PRACTICALITY AND TECHNIQUE

Product Description

Generally speaking the higher the temperature the shorter the wavelength produced. The difference between the three types (long, medium and short) is in the depth of penetration through the paint film (in automotive applications) and excitement of the molecular structure. The advantage of using infrared is that it only heats objects that are placed in its path, directly focusing energy where it is needed. Infrared equipment causes molecular excitement both in the paint and in the substrate which in turn causes heat to pass back through the coating via conduction. The use of shortwave infrared is in fact triggering two way curing using radiated energy from the surface and conduction from the substrate and it is this effect that produces such good through curing. Shortwave produces high temperatures that dramatically accelerate the curing/drying process, unlike the traditional method where the cured paint could not be skinned. This trapped solvent will produce a solvent pop (a pinhole effect) in the finish. Another benefit is that infrared is much more efficient than convection, and it is this combination of fast, high quality curing with low running costs that make our units stand out.

Features

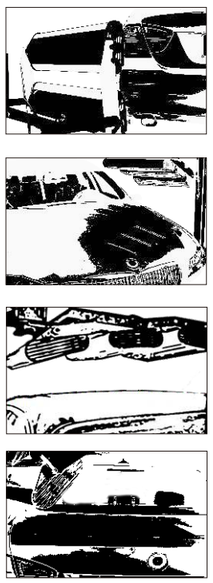
- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's 21" quartz short wave infrared halogen lamps (Optional PHILIPS lamps available).
- Automatic device, equipped with LED electronic timer and power settings.
- Hydraulic lifter with independent switch and 360° rotation.
- With pulse ultrasonic paint curing function.
- Power supply of 200-400V, 50/60Hz and 3×1100W.
- Curing area of 1200mm ×1000mm.
- Adjustable temperature range of 40℃-100℃.
- Adjustable timer of 0min-99mins.
- Temperature setting is available.
- Automatic overload protection.
- Each emitter can be independently controlled.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without leaving residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity and reduce your operating costs.





Our equipment is designated as supplies for 35 well known automobile manufacturers

FY-3W



FY-3W has a control system made using the PET hot press molding technique and has a touch key panel design. It displays the time and temperature in the dual window digital display for accurate settings according to the body paint requirements.



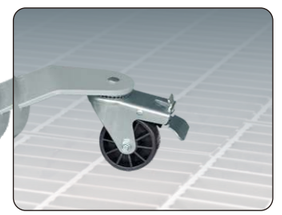
FY-3W is equipped with shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevents damage to the paint surface caused by problems with the emitter.



Tight fitting electrical plug and socket at the rear of case with a safe and reliable design.



Handles on the column,easy to move and position the equipment



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

TO CHALLENGE THE NEW STANDARD OF PAINT CURING EQUIPMENT

Product Description

Generally speaking the higher the temperature the shorter the wavelength produced. The difference between the three types (long, medium and short) is in the depth of penetration through the paint film (in automotive applications) and excitement of the molecular structure. The advantage of using infrared is that it only heats objects that are placed in its path, directly focusing energy where it is needed. Infrared equipment causes molecular excitement both in the paint and in the substrate which in turn causes heat to pass back through the coating via conduction. The use of shortwave infrared is in fact triggering two way curing using radiated energy from the surface and conduction from the substrate and it is this effect that produces such good through curing. Shortwave produces high temperatures that dramatically accelerate the curing/drying process, unlike the traditional method where the cured paint could not be skinned. This trapped solvent will produce a solvent pop (a pinhole effect) in the finish. Another benefit is that infrared is much more efficient than convection, and it is this combination of fast, high quality curing with low running costs that make our units stand out.

A reliable and highly effective machine - it can reduce your total cost in paint curing by up to 75%.

Features

※ Made from aluminium alloy and 304 grade bright stainless steel reflectors.
※ Equipped with VPOWER’ s 21” quartz short wave infrared halogen lamps (Optional PHILIPS lamps also available) .
※ Automatic device with an electronic timer and power settings with LCD display.
※ Hydraulic lifter with an independent switch and 360° rotation.
※ With pulse ultrasonic paint curing function.
※ Power supply of 200-400V, 50/60Hz and 1100W per lamp.
※ Curing area of 1800×1000mm 1200×1000mm.
※ Adjustable temperature of 40℃-100℃.
※ Adjustable timer of 0min-99mins.
※ Temperature setting is available.
※ Automatic overload protection.
※ Automatic distance sensor.
※ Automatic temperature measurements.
※ Automatic paint curing function.
※ Each emitter can be independently controlled.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without leaving residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity and reduce your operating costs.

[Professional performance with improved features]
FY-6DH FY-3DH control system’ s are made with the PET hot press molding technique and feature a touch-key panel design. This provides a reliable and durable performance and is heat resistant. The large LCD display shows clearly the distance between panel and emitter, curing time and panel temperatures being achieved. It will also alert you to when the emitter and panel are too close. Fully compatible with earlier models but with a more efficient and reliable performance and is suitable for curing most types of paint.



FY-6DH FY-3DH is equipped with shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevents damage to the paint surface caused by problems with the emitter.



Our equipment is designated as supplies for 35 well known automobile manufacturers

FY-6DH FY-3DH

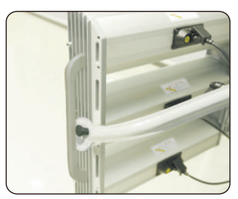


With automatic temperature and distance sensors, the system alerts you when the emitter and panel are too close or if the temperature is too high.





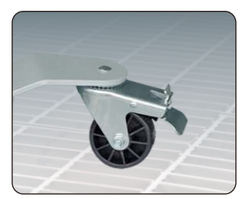
Sides of cassette are made with aluminium alloy and has a universal locking system on the inside and outside.



Entire cassette is made with die-cast aluminium alloy for heat conductivity and durability.



Waterproof power switch for increased safety and a reduction in equipment maintenance.



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.

FY-3AT

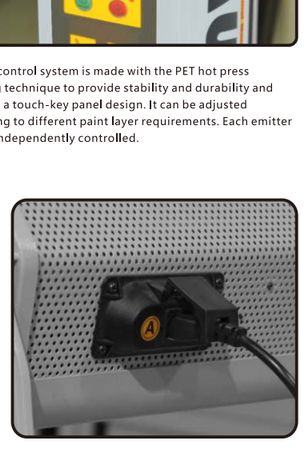
RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012



FY-3AT is equipped with shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevent damage to the paint surface caused by problems with the emitter.



FY-3AT control system is made with the PET hot press molding technique to provide stability and durability and features a touch-key panel design. It can be adjusted according to different paint layer requirements. Each emitter can be independently controlled.



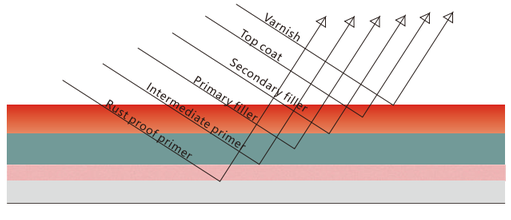
Tight fitting electrical plug and socket at the rear of case with a safe and reliable design.

Suggested curing times

Rust proof primer: 4-8min
Intermediate primer: 2-3min
Primary filler: 5-8min
Secondary filler: 3-6min
Top coat: 6-10min
Varnish: 5-10min

Specifications

Input voltage: AC 200-240V
Input power: 3×1100W
Curing area: 1200×1000 mm



FY-TECH's innovative paint curing technology

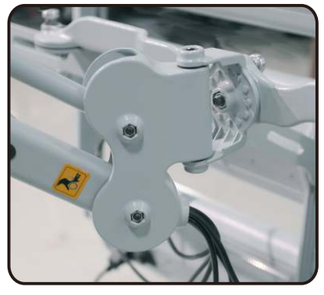
Our equipment is designated as supplies for 35 well known automobile manufacturers

FY-3AL





FY-3AL control system is made with the PET hot press molding technique to provide stability and durability and features a touch-key panel design for accurate settings according to the body paint requirements.



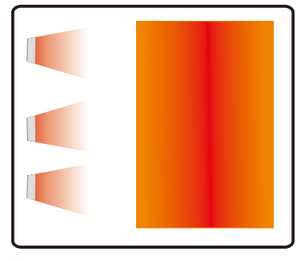
With cassette connector lamp can rotate 360°



Handles on the column,easy to move and position the equipment

Features

× Made from aluminium alloy and 304 grade bright stainless steel reflectors.
× Equipped with VPOWER 21" quartz shortwave infrared halogen lamps.
× Hydraulic lifter with independent switch and 360° rotation.
× Power supply of 200-400V, 50/60Hz and 3×1100W.
× Curing area of 1200mm ×1000mm.
× Temperature range of 40℃-100℃.
× Adjustable timer of 0min-60mins.
× Automatic overload protection.
× Each emitter can be independently controlled.

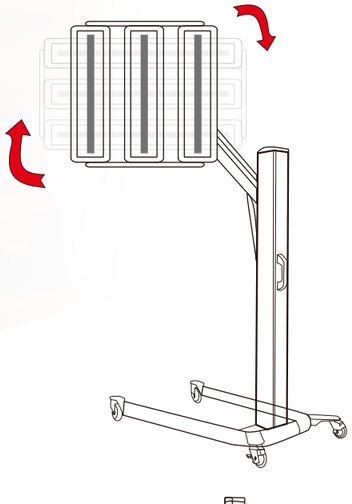


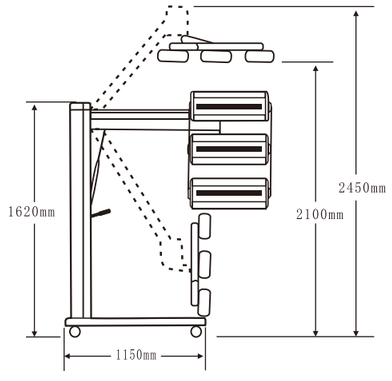
The cassette structure is precision designed and uses 304 grade bright stainless steel reflectors and VPOWER 21" quartz halogen shortwave infrared lamps that enable the light to distribute evenly and increase the curing area.

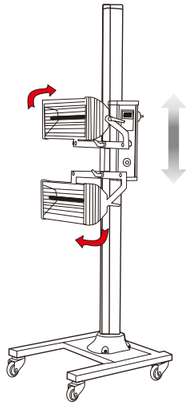
THE LATEST ALUMINIUM ALLOY DESIGN TECHNOLOGY

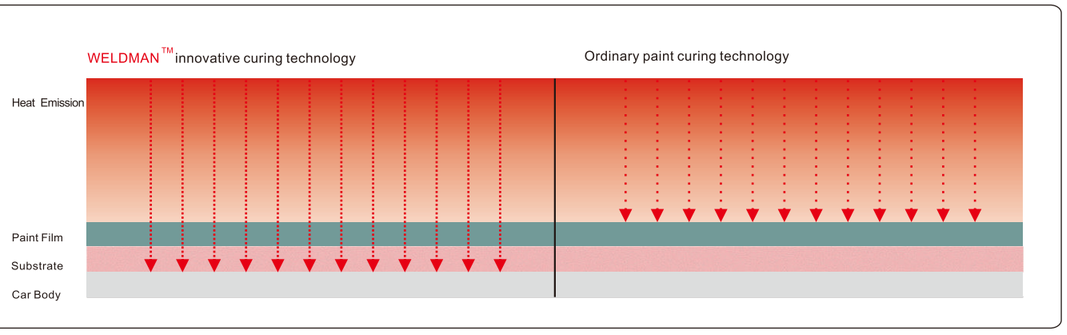
WELDMAN™ has been the market leader in the field of paint curing equipment and technology for many years. Their design concept is to use digital control technology to create the most efficient paint curing equipment. Using their technology, the paint can be cured within a few minutes to a superior quality. It has been widely recognised and approved in the automobile industry as the leading standard with high efficiency equipment.

For WELDMAN™, improving quality is an ever evolving process and it is a focal point in their worldwide production lines and factories. Their products are brought to the world market by a network of multinational factories, importers and distributors who trust their high quality products with unique materials, professional techniques and years of experience.









Our equipment is designated as supplies for 35well known automobile manufacturers

VPOWER quartz shortwave infrared halogen lamps with a useful life of 5000-7000 hrs.

304 grade bright stainless steel reflector.

Universal aluminium alloy locking system.

One time extrusion molded aluminium alloy.

Curing time and temperature can be set with the control and display system.

PET hot press molded control system for high stability and durability.

Waterproof power switch.

GT hydraulic lift system with a service life of more than 100,000 times.

Die casting molded aluminium alloy used for the entire structure for a solid, durable unit that is light in weight.

6mm of high carbon steel in an industrially safe "U "shaped design. It allows the unit to be placed in any position, including between the car wheels, for curing.

Heavy duty caster with two-way brake; thickened and widened, can freely move on the floor of spray booth and sanding room.





INNOVATION CREATES VALUE

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

FY-6CH FY-3CH

Product Description

Generally speaking the higher the temperature the shorter the wavelength produced. The difference between the three types (long, medium and short) is in the depth of penetration through the paint film (in automotive applications) and excitement of the molecular structure. The advantage of using infrared is that it only heats objects that are placed in its path, directly focusing energy where it is needed. Infrared equipment causes molecular excitement both in the paint and in the substrate which in turn causes heat to pass back through the coating via conduction. The use of shortwave infrared is in fact triggering two way curing using radiated energy from the surface and conduction from the substrate and it is this effect that produces such good through curing. Shortwave produces high temperatures that dramatically accelerate the curing/drying process, unlike the traditional method where the cured paint could not be skinned. This trapped solvent will produce a solvent pop (a pinhole effect) in the finish. Another benefit is that infrared is much more efficient than convection, and it is this combination of fast, high quality curing with low running costs that make our units stand out.

A reliable and highly effective machine - it can reduce your total cost in paint curing by up to 75%.

Features

※Made from aluminium alloy and 304 grade bright stainless steel reflectors.
※Equipped with VPOWER's 21" quartz short wave infrared halogen lamps (Optional PHILIPS lamps also available) .
※Automatic device with LED display electronic timer and power settings.
※Hydraulic lifter with an independent switch and 360° rotation.
※With pulse ultrasonic paint curing function.
※Power supply of 200-400V, 50/60Hz and 1100W per lamp.
※Curing area of 1800×1000mm 1200×1000mm.
※Adjustable temperature range of 40℃-100℃.
※Adjustable timer of 0min-99mins.
※Temperature setting is available.
※Automatic overload protection.
※Automatic distance sensor.
※Automatic paint curing function.
※Each emitter can be independently controlled.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without leaving residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity and reduce your operating costs.



With ultrasonic sensors, the system alerts you when the emitter and panel are too close.

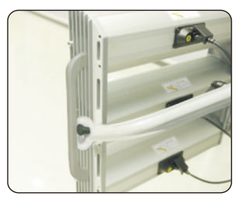


FY-6CH FY-3CH control system' s are made with the PET hot press molding technique to provide stability and durability and features a touch-key panel design. It displays the time, temperature, distance and pulse curing functions for accurate settings according to the body paint requirements.



FY-6CH FY-3CH are equipped with shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevents damage to the paint surface caused by problems with the emitter.





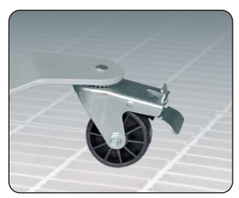
Entire cassette is made with die-cast aluminium alloy for heat conductivity and durability.



Tight fitting electrical plug and socket at the rear of case with a safe and reliable design.



Waterproof power switch for increased safety and a reduction in equipment maintenance.



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.

Our equipment is designated as supplies for 35well known automobile manufacturers

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

FY-6WH FY-3WH

PERFECT UNION OF PRACTICALITY AND TECHNIQUE

Product Description

Generally speaking the higher the temperature the shorter the wavelength produced. The difference between the three types (long, medium and short) is in the depth of penetration through the paint film (in automotive applications) and excitement of the molecular structure. The advantage of using infrared is that it only heats objects that are placed in its path, directly focusing energy where it is needed. Infrared equipment causes molecular excitement both in the paint and in the substrate which in turn causes heat to pass back through the coating via conduction. The use of shortwave infrared is in fact triggering two way curing using radiated energy from the surface and conduction from the substrate and it is this effect that produces such good through curing. Shortwave produces high temperatures that dramatically accelerate the curing/drying process, unlike the traditional method where the cured paint could not be skinned. This trapped solvent will produce a solvent pop (a pinhole effect) in the finish. Another benefit is that infrared is much more efficient than convection, and it is this combination of fast, high quality curing with low running costs that make our units stand out.

A reliable and highly effective machine - it can reduce your total cost in paint curing by up to 75%.

Features

※Made from aluminium alloy and 304 grade bright stainless steel reflectors.
※Equipped with VPOWER’ S 21” quartz short wave infrared halogen lamps (Optional PHILIPS lamps also available) .
※Automatic device with LED display electronic timer and power settings.
※Hydraulic lifter with an independent switch and 360° rotation.
※With pulse ultrasonic paint curing function.
※Power supply of 200-400V, 50/60Hz and 1100W per lamp.
※Curing area of 1800×1000mm 1200×1000mm.
※Adjustable temperature range of 40℃-100℃.
※Adjustable timer of 0min-99mins.
※Temperature setting is available.
※Automatic overload protection.
※Each emitter can be independently controlled.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without leaving residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity and reduce your operating costs.

FY-6WH FY-3WH control system’ s are made with the PET hot press molding technique to provide stability and durability and features a touch-key panel design. Time and temperature are displayed on the dual window, digital display for accurate control of the body paint requirements.



FY-6WH FY-3WH are equipped with shortwave infrared double-layer halogen lamps that are specifically designed for curing body paint. They have the advantage of giving a good distribution of heat to cure more effectively and only have a gentle light intensity. Double-layered glass and a breakage resistant light tube prevents damage to the paint surface caused by problems with the emitter.



Our equipment is designated as supplies for 35 well known automobile manufacturers





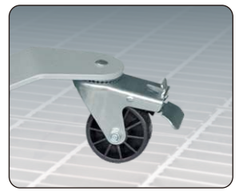
With cassette connector lamp can rotate 360°.



Tight fitting electrical plug and socket at the rear of case with a safe and reliable design.



Waterproof power switch for increased safety and a reduction in equipment maintenance.



Caster with brake; with bearing, can carry 300kg weight; thickened and widened, can freely move on the floor of spray booth and sanding room.

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

A SIMPLE DESIGN FOR EASY OPERATION AND SAFETY IN USE.

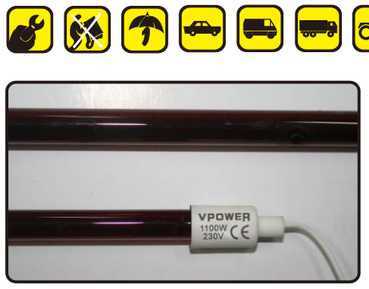
Features

※ Made from aluminium alloy and 304 grade bright stainless steel reflectors.
※ Equipped with VPOWER's 21" quartz short wave infrared halogen lamps.
※ Able to display input voltage with mechanical setting time and temperature.
※ Hydraulic lifter with independent switch and 360° rotation.
※ Power supply of 200-240V, 50/60Hz and 2×1100W.
※ Curing area of 800mm ×1000mm.
※ Adjustable temperature range of 40℃-100℃.
※ Adjustable timer of 0min-60mins.
※ Temperature setting is available.
※ Automatic overload protection.
※ Each emitter can be independently controlled.

New Solution

Reduce energy costs by up to 75%.
Longest cure time of no more than 15 mins.
Penetrates deeper into an object, giving better quality curing.
Paint cured within minutes without leaving residue.
Preheating function, anti-moisture and anti-fog.

Operate more effectively.
Shorter downtime.
Reduced polishing.
All of these advantages improve your productivity and reduce your operating costs.



FY single cassette series comes complete with a shortwave infrared halogen lamp designed specifically for automobile body painting requirements. The single-layer lamp tube is ideal for small repairs with the advantage of good heat distribution for effective drying but with only a gentle light intensity.



FY-2200W using mechatronic design for the control system, a simplified mechanical dial allows the user to set up curing time and temperature according to the body paint requirements. The power switch is waterproof for increased safety and a reduction in equipment maintenance.

FY-2200W



Our equipment is designated as supplies for 35 well known automobile manufacturers

FY-2HX

A NEW GENERATION OF ALUMINIUM ALLOY DESIGN TECHNOLOGY

Description

※ Made from aluminium alloy and 304 grade bright stainless steel reflectors.
※ VPOWER quartz shortwave infrared halogen lamps with a useful life of 5000-7000 hrs (Optional PHILIPS lamps also available) .
※ Extrusion molded aluminium alloy locking system that is adjustable for strength and convenience.
※ Industrially safe "H" shape stand that allows the unit to be placed in any position, including between the car wheels, for curing.
※ Control system made from PET hot press molding for high stability and durability.
※ With an advanced control and display system, the curing time and temperature can be accurately set.
※ With regular or pulse curing functions.
※ Cassette is able to move upward and downward and rotate 360°



FY-2HX Control system is made with the PET hot press molding technique to provide stability and durability and features a touch-key panel design. It can be adjusted according to different paint layer requirements. Each emitter can be independently controlled.



One time extrusion molding with aluminium alloy to ensure the flexible and adjustable locking system is strong, convenient and durable.

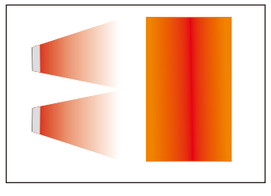


Specifications

Input voltage: AC 200-240V
Input power: 2×1000W
Curing area: 800×800 mm

Suggested curing times

Rust proof primer: 4-8min
Intermediate primer: 2-3min
Primary filler: 5-8min
Secondary filler: 3-6min
Top coat: 6-10min
Varnish: 5-10min



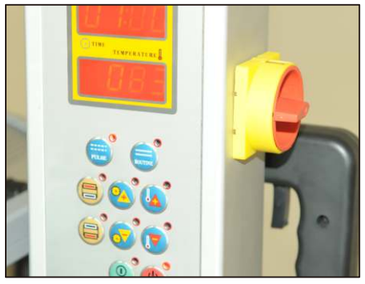
The cassette structure is precision designed and uses 304 grade bright stainless steel reflectors and VPOWER or PHILIPS 21" gold plated shortwave infrared halogen lamps that enable the light to distribute evenly and increase the curing area.

A NEW GENERATION OF ALUMINIUM ALLOY DESIGN TECHNOLOGY

FY-1WH FY-2WH

Description

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- VPOWER quartz shortwave infrared halogen lamps with a useful life of 5000-7000 hrs (Optional PHILIPS lamps also available) .
- Extrusion molded aluminium alloy locking system that is adjustable for strength and convenience.
- Industrially safe "H" shape stand that allows the unit to be placed in any position, including between the car wheels, for curing.
- Extrusion molded aluminium alloy structure for a solid unit that is durable but light in weight.
- Control system made from PET hot press molding for high stability and durability.
- With an advanced control and display system, the curing time and temperature can be accurately set.
- With regular or pulse curing functions.
- Each emitter can be controlled with an individual switch.
- Cassette is able to move upward and downward and rotate 360° .



Time and temperature are displayed in the dual window and can be set along with the pulse curing functions.



（Specifications）

Technical data	FY-2WH	FY-1WH
Input power	AC200-240V 50/60Hz	AC200-240V 50/60Hz
Power	2x1000W	1000W
Time setting	0-60min (Adjustable)	0-60min (Adjustable)
Temperature	30-100℃	30-100℃
Curing area	800x800mm	800x450mm
Overall dimensions	580x500x1600mm	580x500x1600mm
Packing dimensions	1650x230x585mm	1650x230x585mm
Net weight	19kg	15kg
Gross weight	22kg	20kg
Color	RAL 7045 RAL 5009 RAL 3000 RAL 1003	

Our equipment is designated as supplies for 35 well known automobile manufacturers

FY-2HF

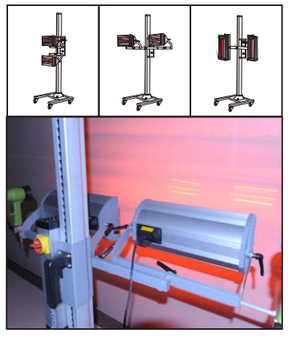
PROFESSIONAL CURING SYSTEM FOR WATERBORNE PAINTS

Description

- Speeds up water based paint curing time, shortening spray booth occupation time.
- Ideal for small repairs and will lessen the need for a spray booth.
- Air consumption is as low as 350 litres/minute (3Pa).
- Covers a large curing area, each air dryer has an air output of 6,000 litre/minute.
- Complete with paint filter to reduce the contaminants in the coating.
- Complete with shortwave infrared paint curing dryer, with the ability to cure two-component paints.
- Air dryer can be positioned anywhere with an adjustable air outlet for wind direction.
- With quick coupling, air dryer can be installed and repaired quickly and conveniently.
- Adjustable lamp unit can be moved up and down to cure the car body at different positions.
- Caster with brakes allow the positioning of the unit in a safe stationary position.
- Air dryer provides effective solutions for drying waterborne paints.



Air dryer provides effective solution for drying waterborne paints



Cassette is able to move upward and downward and rotate 360°



（Specifications）

Working Voltage	AC 200–240V 50/60Hz
Working Current	10A
Curing time	0–60min (Adjustable)
Power	2x1000W
Curing area	800mmx800mm
Curing distance	40 ~ 50cm
Curing temperature	60℃ ~ 70℃
Air consumption	350 L/min
Working pressure	3 ~ 3.5bar
Max. Pressure	12bar
Blowing rate	6000L/min x 2
Blowing distance	30 ~ 50cm
Overall dimensions	580x500x1680mm
Weight	23kg
Color	RAL 7045 RAL 5009 RAL 3000 RAL 1003 .....

A NEW GENERATION OF ALUMINIUM ALLOY DESIGN TECHNOLOGY

FY-1H FY-2H

Description

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- VPOWER quartz shortwave infrared halogen lamps with a useful life of 5000-7000 hrs (Optional PHILIPS lamps also available) .
- Easy to operate - simple mechanical control dial for setting curing time according to body paint requirements.
- Extrusion molded aluminium alloy locking system that is adjustable for strength and convenience.
- Industrially safe "H" shape stand that allows the unit to be placed in any position, including between the car wheels, for curing.
- Extrusion molded aluminium alloy structure for a solid unit that is durable but light in weight.
- Caster with two-way brakes.
- Control system made from PET hot press molding for high stability and durability.
- With an advanced control and display system, the curing time and temperature can be accurately set.
- Cassette is able to move upward and downward and rotate 360° .



One time extrusion molding with aluminium alloy to ensure the flexible and adjustable locking system is strong, convenient and durable.



（Specifications）

Technical data	FY-2H	FY-1H
Input power	AC200-240V 50/60Hz	AC200-240V 50/60Hz
Power	2x1000W	1000W
Time setting	0-60min (Adjustable)	0-60min (Adjustable)
Temperature	30-100℃	30-100℃
Curing area	800x800mm	800x450mm
Overall dimensions	580x500x1600mm	580x500x1600mm
Packing dimensions	1650x230x585mm	1650x230x585mm
Net weight	19kg	15kg
Gross weight	22kg	20kg
Color	RAL 7045 RAL 5009 RAL 3000 RAL 1003 RAL 6017 RAL 1006 RAL 7012	

Our equipment is designated as supplies for 35 well known automobile manufacturers

FY-2AT

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012

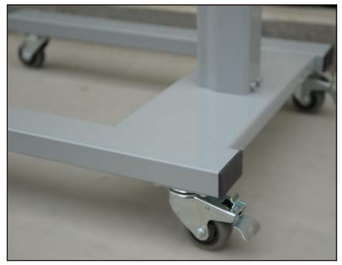




FY-2AT control system is made with the PET hot press molding technique to provide stability and durability and features a touch-key panel design. It can be adjusted according to different paint layer requirements. Each emitter can be independently controlled.



Equipped with VPOWER's gold plated shortwave infrared halogen lamps (PHILIPS is available as an option).



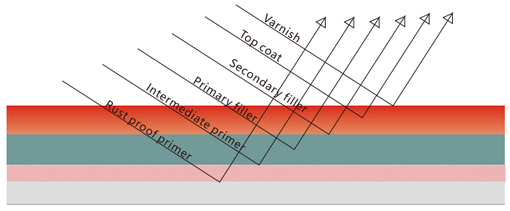
The H shape base with heavy duty and two-way brake casters can be placed in between the car wheels.

Specifications

Input voltage：AC 200—240V
Input power：2×1100W
Curing area：800×1000 mm

Suggested curing times

Rust proof primer：4-8min
Intermediate primer：2-3min
Primary filler：5-8min
Secondary filler：3-6min
Top coat：6-10min
Varnish：5-10min



FY-TECH's innovative paint curing technology

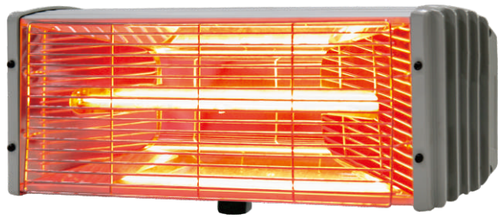
FY-TECH

HANDHELD ALUMINIUM ALLOY PAINT CURING EQUIPMENT

FY-1000WS

Description

- The housing of the lamp is made of aluminum alloy and Series 7 aircraft-grade aluminum reflectors.
- VPOWER quartz shortwave infrared halogen lamps with a useful life of 5000-7000 hrs.
- Simple and easy-to-use design. With mechanical knob, curing time setting is available.
- Extrusion molded aluminum alloy structure for a solid unit that is durable but light in weight.





Series 7 aircraft-grade aluminum reflector offers high temperature and quick heating



It weights only 1.5kg.



Specifications	Input power	Power	Time setting	Temperature	Curing area	Overall dimensions	weight (Main machine)
FY-1000WS	AC200-240V 50/60Hz	1000W	0–60min (Adjustable)	30–100℃	800x450mm	580x500x1600 mm	1.5kg

RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 7021 RAL 3000 RAL 7012 . . .

Features

- Made from aluminium alloy and 304 grade bright stainless steel reflectors.
- Equipped with VPOWER's 21" quartz short wave infrared halogen lamps.
- Able to display input voltage with mechanical time settings.
- Power supply of 200-240V, 50/60Hz and 2×1100W or 1×1100W.
- Curing area of 800×800mm 800×500mm.
- Temperature range of 40℃-100℃.
- Adjustable timer of 0min-60mins.



FY single cassette series uses a mechatronic control system with a compact structure for easy operation and a simple control dial to set the curing time according to the body paint requirements.





