

NEXT

TRIPLE WAVELENGTH CARBON HEATER
IDEAL FOR HIGH TENSION STEEL & WATER BASE PAINT



HEAT-MIEX



ISSUE #1/OS



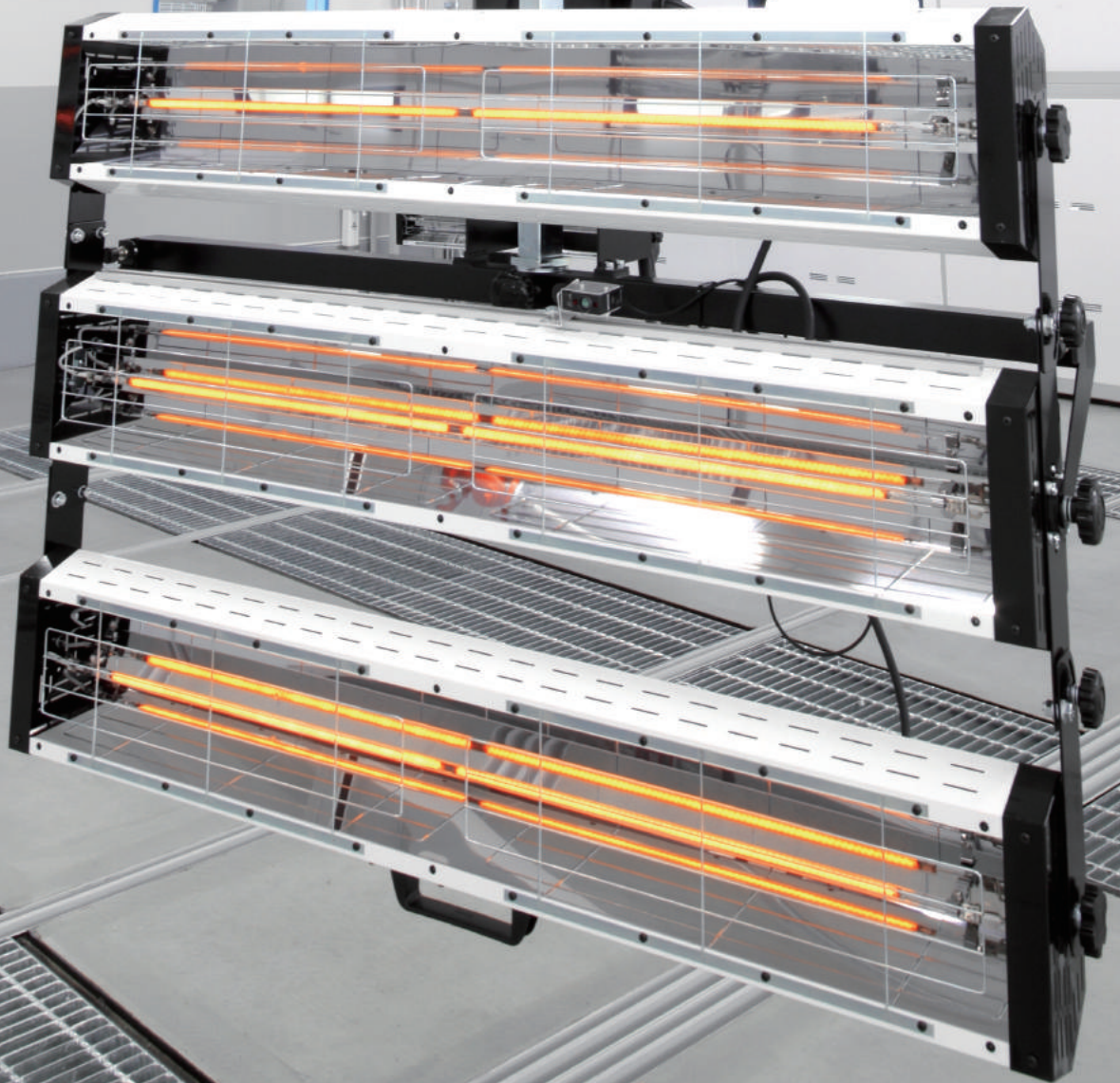
NEXT CO., LTD

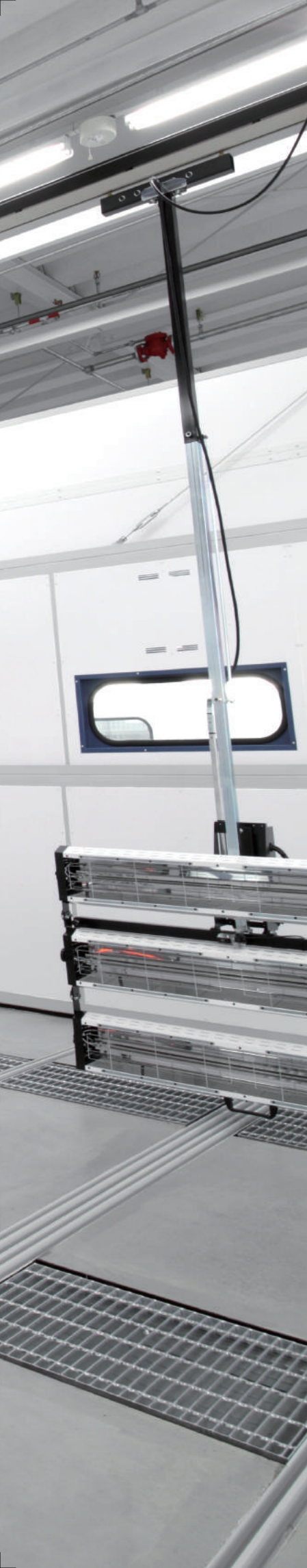
火気厳禁

少量危険物
貯蔵取扱場

類	名	性状
品	番	号
大	数	者
責	任	者

整理整頓





Do you need only to heat up a Heater?

When it is, I want you not to call me "Heater".

My name is ...

 **HEAT-HEX**

Energy conservation / Labor saving



Features of HEAT-NEX

1、 HEAT-NEX Carbon is Japan best technology.

- As temperature response is excellent, quick and fine temperature control is possible.

*The rise and fall of the temperature is only a few seconds.

- Carbon lamp is resistant to thermal shock and will not break even when water is applied during working.

In other words, carbon lamp can use up to the end of life cycle.

*Halogen lamps are often broken before their life cycle.

- Carbon lamp hardly drops an energy due to aging degradation.

2、 Ideal for water-base paint.

- Mid-wave closest to the absorption wavelength of water is radiated a lot.
- Another option to install a blower device is also available.

3、 Reduction of drying time.

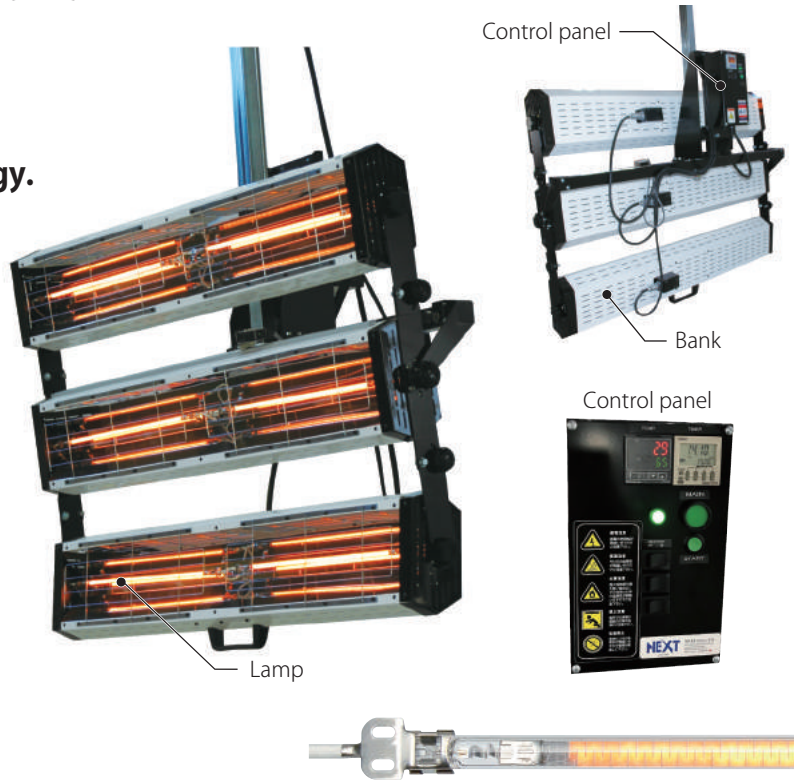
- The maximum temperature will be reached in 5sec after starting up.
- Large reflector, which concentrates radiant energy on heated objects.

4、 Ideal for all materials and situations.

- It simultaneously radiates triple waves of "Short-wave" "Mid-wave" "Far infrared" so it matches all the materials.

5、 Environmentally friendly

- Soft lighting (Color Temperature 1100K)
- Power saving by shortening drying time.
- When the temperature sensor is used, since the lighting ratio is about 33%, overwhelming power saving can be realized.

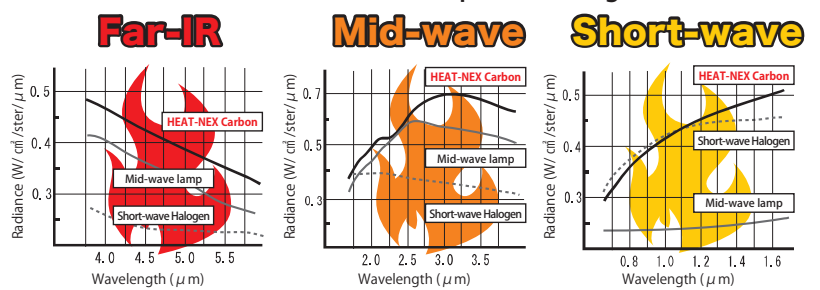


【Wavelength matching table】

Material	Far-IR	Mid-wave	Short-wave	HEAT-NEX
Metal			○	○
Resin		○		○
Water		○		○
ABS Forming		○		○
Polypropylene Forming		○		○
Glass	○			○
Ceramic	○			○

*The table is for reference only and does not guarantee all of it.

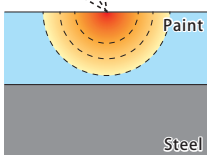
【HEAT-NEX Carbon has Triple wavelengths】



Features of HEAT-NEX Carbon

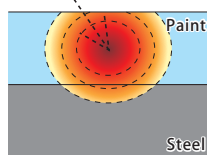
Example : Car body painting

【Far IR】



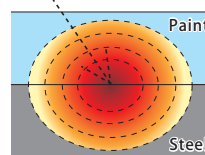
- Heat the Surface of the paint.
- The wavelength hardly reaches the steel panel.

【Mid-wave】



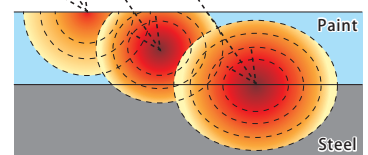
- Heat the middle of the paint.

【Short-wave】



- The wavelength reaches the steel panel through the paint. Because radiant energy is strong, attention must be paid to the influence on steel panel.

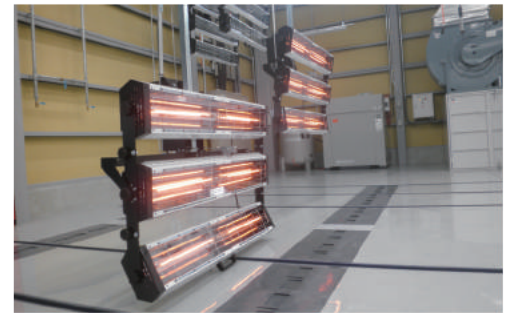
【HEAT-NEX Carbon】



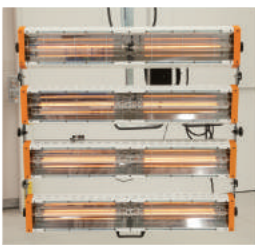
- HEAT-NEX carbon radiates triple wavelength at the same time.
- Heat uniformly from paint to steel plate on average.
- HEAT-NEX carbon is suitable for various materials.

HEAT-NEX Hanging type

Utilize the space effectively



We recommend that Hanging type is the most efficient way to use HEAT-NEX. Use C-steel rail installed on the ceiling to move vertically and laterally up and down. It can also keep the heater vertical and horizontal with the ground. Angle of each heater can also be adjusted. Although the hanging type has an expensive impression, We can propose this system at low cost.



T-bar lift device



Move direction
Up-Down / Left-Right
360° rotation
Horizontal / Vertical

Introduction cost is cheap and operation is easy. T-bar is a standard model.

Pantograph lift device



Move direction
Up-Down / Left-Right
360° rotation
Horizontal / Vertical

It is ideal for low ceiling area because it has a wide operating range.

Explanation of model number

NEX1200-3B6HT-380V

- ① Heater width (1200mm)
- ② Number of banks (3 banks / 4 banks)
- ③ Number of lamps (6 lamps / 8 lamps)
- ④ Types of lift device (T : T-bar / X : Pantograph)
- ⑤ Voltage (380V)

◆ NEX1200-3B6HT-380V (Standard size)

Heater size : W1200×H880mm
 Lift device : T-bar (Optional : Pantograph)
 Weight : Heater 16kg / T-bar 20kg
 Lamp : 6 carbon lamps
 Voltage : 380V 3PH / Power : 6.0kw 10A

◆ NEX1200-4B8H-380V (Big size)

Heater size : W1200×H1200mm
 Lift device : T-bar (Optional : Pantograph)
 Weight : Heater 20kg / T-bar 20kg
 Lamp : 8 carbon lamps
 Voltage : 380V 3PH / Power : 8.0kw 12A

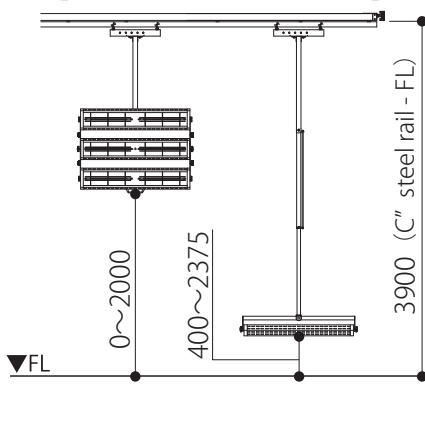
◆ IDO-3250 Traverse frame (sideways)

Size : W3280×L400×H160mm
 Weight : 25kg Hanger rail : #3
 Power line : Open (Optional : Cableveyor)

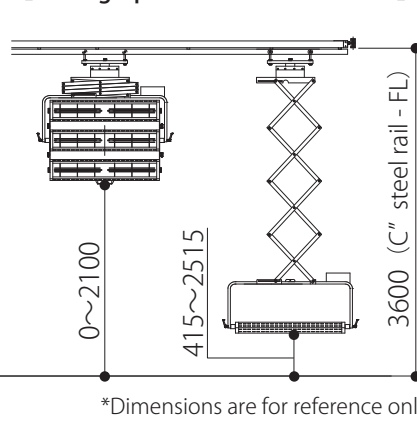
◆ IDO-4000 Traverse frame (Back & Forward ways)

Size : W4030×L400×H160mm
 Weight : 30kg Hanger rail : #3
 Power line : Open (Optional : Cableveyor)

【T-bar standard dimensions】



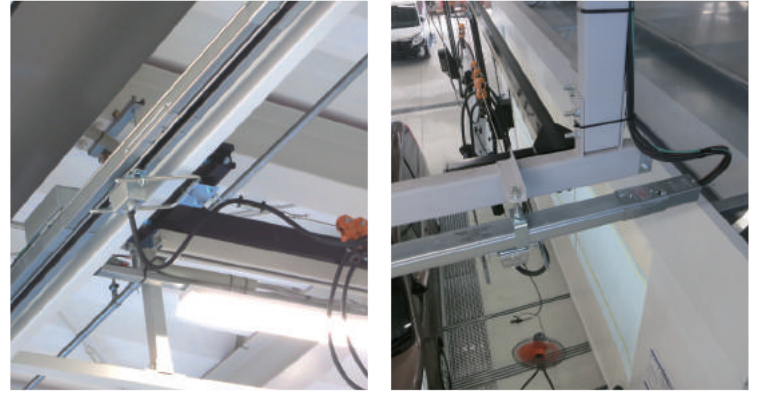
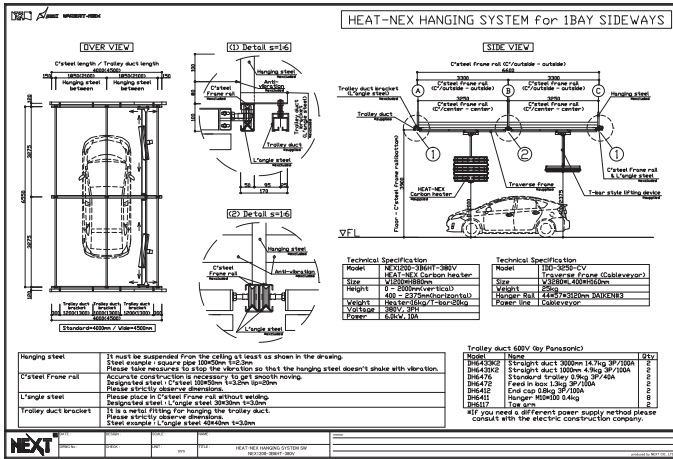
【Pantograph standard dimensions】



*Dimensions are for reference only.

Layout & Power supply

There are many achievements in the layout.

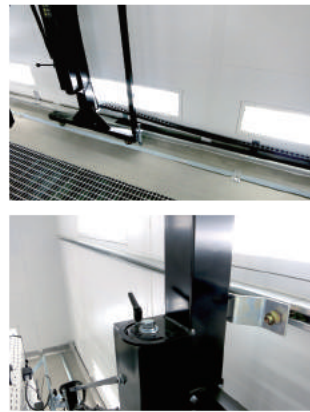


- Trolley duct is a recommended facility that can stable electricity at any position even when the heater is moving.
 - Electric trouble will disappear.
- (Safe • Space saving • Easy installation • Easy maintenance)

Prepared a standard layout. There are "Sideways" and "Back and Forward ways" selection depends on your factory.

HEAT-NEX Wall slide type

For Preparation area & Baking room



◆ NEX1200-3B6HRI-380V

HEAT-NEX Rider - Wall slide type
 Heater size : W1200×H880mm
 Lift device : Damper swing
 Lamp : 6 carbon lamps
 Voltage : 380V 3PH / Power : 6.0kw 10A

◆ NEX1200-4B8HRI-380V

HEAT-NEX Rider - Wall slide type
 Heater size : W1200×H1200mm
 Lift device : Damper swing
 Lamp : 8 carbon lamps
 Voltage : 380V 3PH / Power : 8.0kw 12A

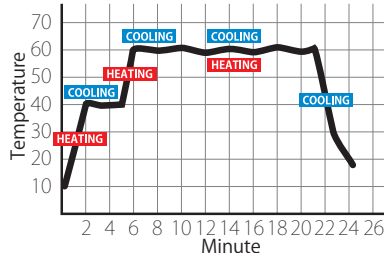
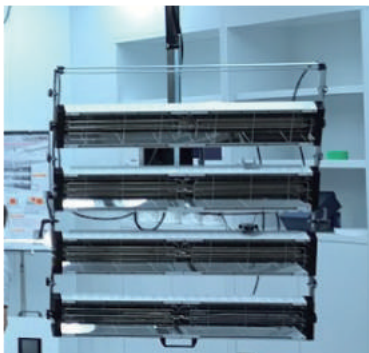
In the case of small repair, HEAT-NEX running cost is cheaper than GAS or Diesel burner. Paint can be dried quickly. HEAT-NEX Carbon emits triple wavelength at the same time. It is active in the preparation area because it is suitable for every material.

HEAT-NEX Options

HPCHS-85HA High Performance Control Heating System (Motor Air)

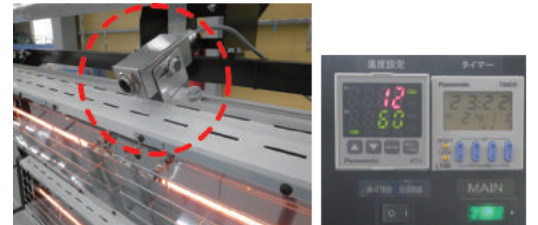
HPCHS-85CA High Performance Control Heating System (Compressed Air)

H.P.C.H.S can completely control the heat by installing 2 functions of heating and cooling. (air) Using H.P.C.H.S will greatly improve the quality.



*The graph is for reference only and does not guarantee all of it.

HNS-002 Temperature Sensor Control Unit



This system can be controlled so that it does not let the temperature hotter than the set value you make. When it becomes higher than the set value, the heater automatically turns off. On the other hand it lights up again when it is below the set. By installing this system, there won't be any trouble due to high temp. In addition, running cost is cheap because it is quite energy-saving.

HEAT-NEX Portable



Standard model that can be easily moved with casters.

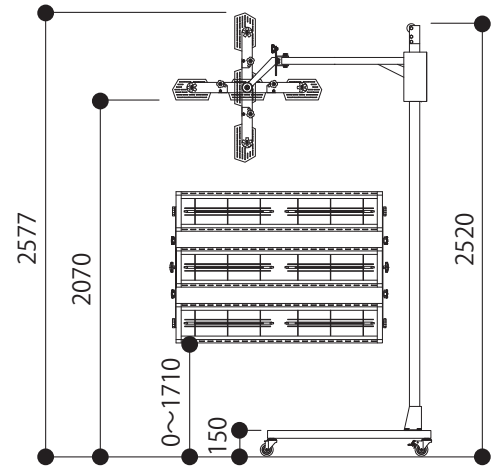


◆ NEX1200-3B6HP-380V

Heater size : W1200×H880mm
Lift device : Pole (Optional : Damper)
Weight : 50kg
Lamp : 6 carbon lamps
Voltage : 380V 3PH
Power : 6.0kw 10A

◆ NEX1200-4B8HP-380V

Heater size : W1200×H1200mm
Lift device : Pole (Optional : Damper)
Weight : 55kg
Lamp : 8 carbon lamps
Voltage : 380V 3PH
Power : 6.0kw 12A



It can irradiate high places, a telescopic pole type high stand model.

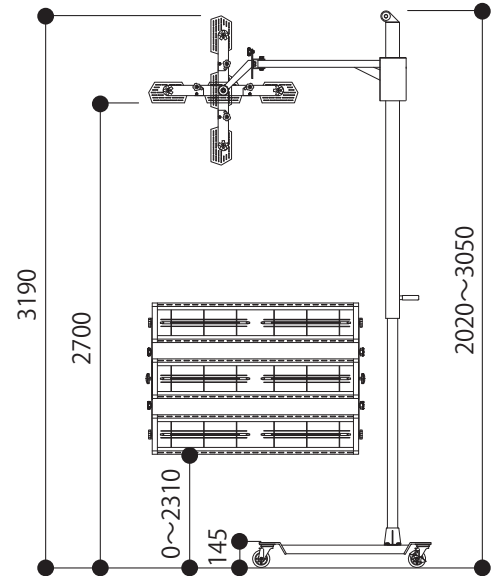


◆ NEX1200-3B6HG-380V

Heater size : W1200×H880mm
Lift device : Telescoping Pole
Weight : 70kg
Lamp : 6 carbon lamps
Voltage : 380V 3PH
Power : 6.0kw 10A

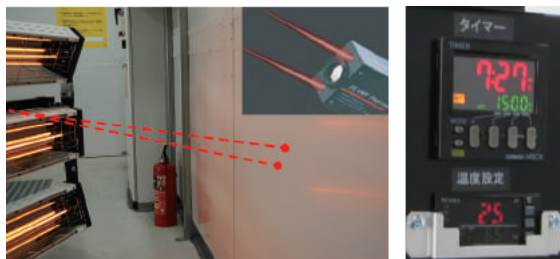
◆ NEX1200-4B8HG-380V

Heater size : W1200×H1200mm
Lift device : Telescoping Pole
Weight : 75kg
Lamp : 8 carbon lamps
Voltage : 380V 3PH
Power : 6.0kw 12A

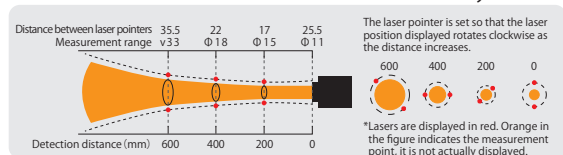


HEAT-NEX Options

NEX-OP001 Temperature Sensor Control Unit (with Laser Pointer)



To the NEX-OP001 temperature sensor, a laser pointer is equipped to display the measurement range. It enables you to see the adding easily. It became easier to use than HNS-002 by it self.



MA-15 Air Brower Unit (Sirocco Fan)



Add air blow function (Sirocco fan) to HEAT-NEX. It promotes evaporation of water with heat and wind, so it is ideal for drying water-base paint.

NEX-OP002 Twin Timer (Preheat timer)

Twin timer id "preheating" and "main heating" in case of pairing the heater is short. It is impossible to select if you have the temperature sensor option.

PVC1200-36C PVC Cover Sheet



Protect the heater from dust and paint mists.

Distributor is :



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