

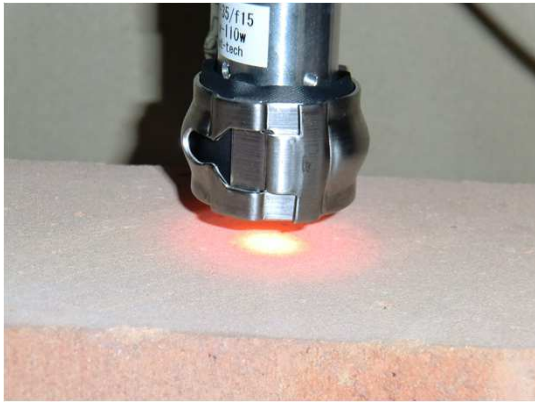
Halogen Point Heater Laboratory – kit
HPH-35/f15-110w +HCV
Focal size $\Phi 6$
Easily heating high temperatures!



◆ **Feature** ◆

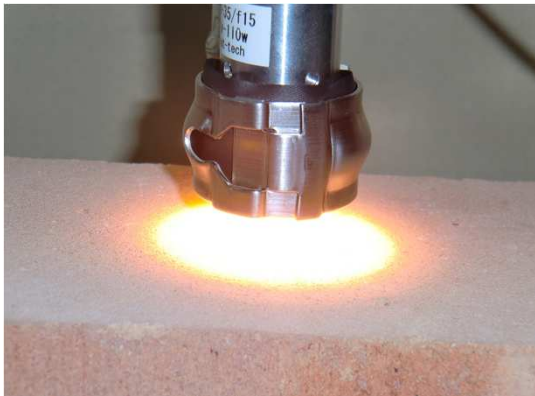
- 1). Easily heating high temperatures by the kit !
- 2). Easily heating high temperatures at focal size $\Phi 6$!
- 3). Easily adjusting the radiation diameter (focal size) by manual lift!
- 4). Easily changing the heat power (wattage) by slide transformer !

Heat-tech



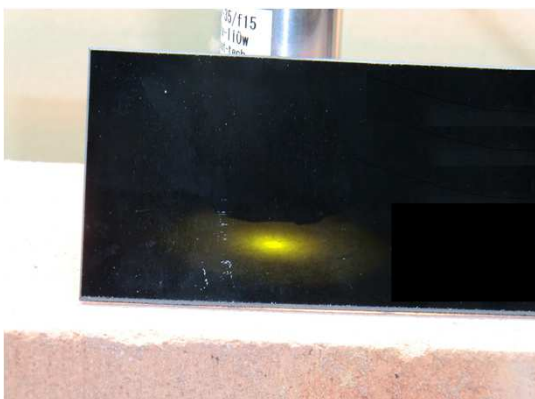
【 Power : 5v / about 25w 】

The output was adjusted to 5v by the slide transformer.
It can visually check the rated point in diameter $\Phi 6$ of 25w.



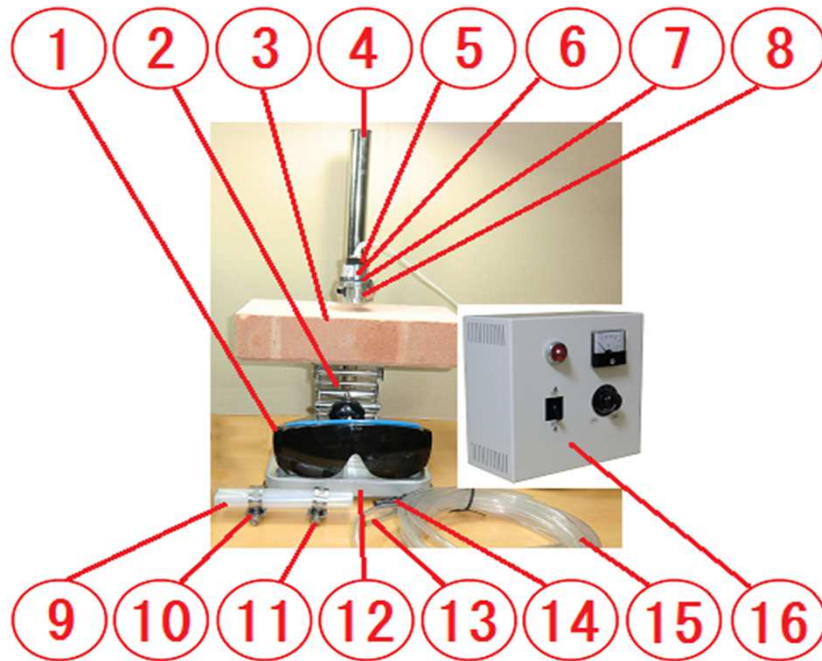
【 Power : 12v / 110w 】

It shine so very bright emission of heat generation 110W maximum output.
The diameter of a rated point cannot be visually checked.



【 Power : 12v / 110w Used the protective glass. 】

Then attached protective glasses are used,
positioning of an irradiation point can be performed easily visually.

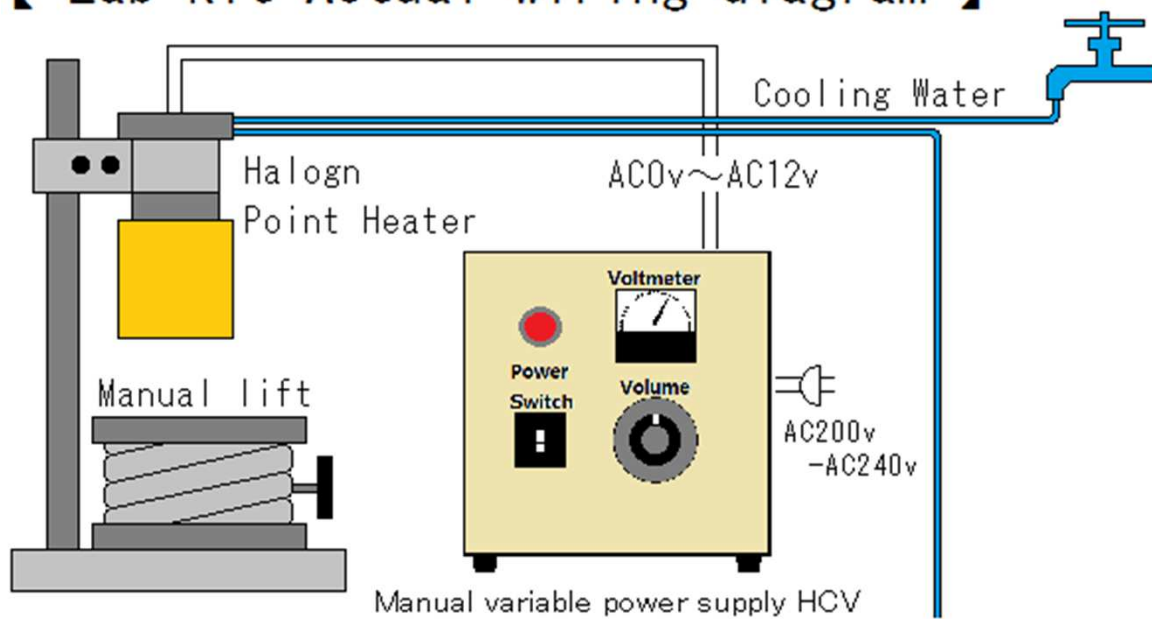


(Example of lab kit assembly.)

(※The lab kit is delivered as individual components.)

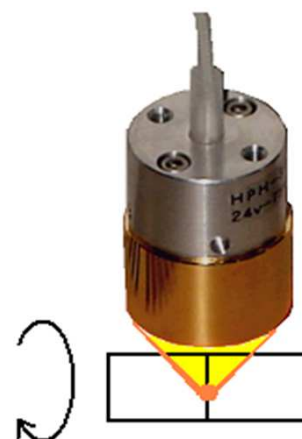
- ① Safety glasses against high intensity light
It can visually check the high-intensity irradiation point at maximum output.
- ② Manual lift. Up and down 80 mm by 16 rotating knobs, the accuracy is 0.5 mm.
Platform surface is 80mm x 80mm,
54mm the initial height, 134mm maximum height, 80mm height adjustable.
- ③ Refractory bricks
It is useful when place the test piece.
- ④ Test stand pole
- ⑤ Water cooling unit of the Halogen Point Heater
- ⑥ Heater mounting bracket
- ⑦ Halogen Point Heater HPH-35/f15/12v-110w/GW
Heating the subject with 110w.
- ⑧ Test stand pole mounting bracket
- ⑨ Water hose joint
- ⑩ Stainless steel hose band for water
- ⑪ Stainless steel hose band for one-touch connector
- ⑫ Test stand base
- ⑬ $\Phi 6$ tubes for cooling water drainage
- ⑭ One-touch connector
- ⑮ $\Phi 6$ cooling water tube for water supply
- ⑯ Manual variable power supply HCV-AC200-240V/-DC12V-300W
Input voltage in the range of AC200V-AC240V.
The output adjustable range AC0v ~ AC12v.
Easily changing the heat power (wattage) by slide transformer.

【 Lab-kit Actual wiring diagram 】



【 Soldering of printed circuit boards 】
 * We have no idea about how to lead-free soldering of printed circuit boards.

→→The point was heated by the small type of the Halogen Point Heater. Elevating the temperature time is short, it worked so easy soldering temperature control. Moreover, since non-contact, no physical damage even solder dregs.



【 Joint of thermoplastic resin tubes 】
 * We have no idea about how to joint of thermoplastic resin tubes.

→→The thermoplastic resin tube was joined with the Halogen Point Heater. The heating melt was done, and central portion of the tube wall thickness at the tube end was pressurized comparing the edges, and connected to the subject by the anastomoses.

Heat-tech

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