

# TCW-415

## Pulse Heat Power Supply

**New!**



For soldering of micro electronic components & cables

### Achieving highly reliable joining quality

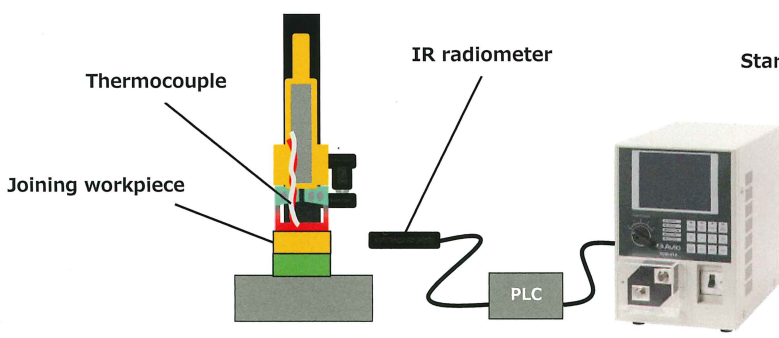
- **Stable joining quality**  
Achieves precise temperature control through feedback from the joining tool temperature.
- **Reliable traceability**  
Supports quality control by providing output of joining profiles.



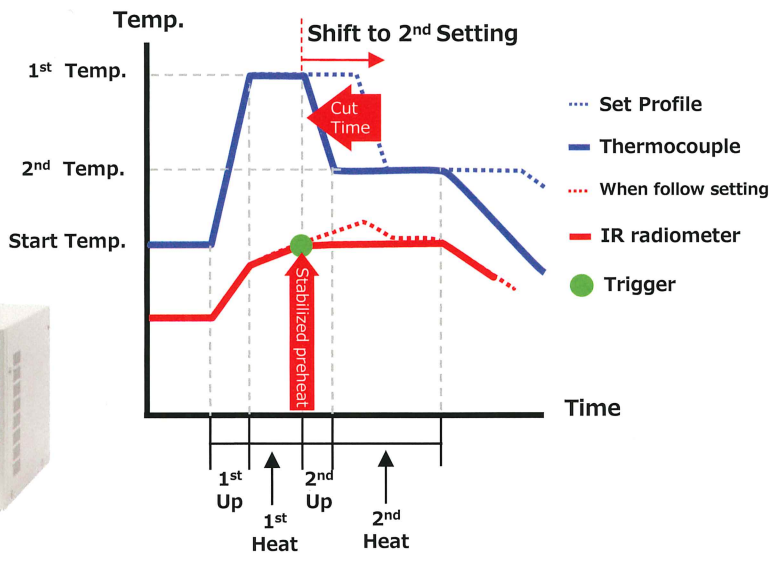
### New Function

### Heat Shift Function

- Reduces thermal impact to workpieces
- Stabilizes pre-heat temperature



Shift control settings triggered by temperature and other factors of joining workpiece



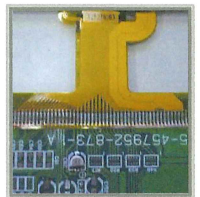
### Best selling TCW-315 has been enhanced

- **After-heat function**  
⇒ Improves the release properties of resin caulking.
- **Shift conditions using external signals as triggers**  
⇒ Ensures consistent quality.
- **Four-stage heat control**  
⇒ Reducing thermal impact on the workpiece
- **Current value display function**  
⇒ Calculation of power consumption.
- **Temperature waveform plotting of cooling process**  
⇒ Joining quality control

### Application



Caulking of fixing resin



FPC Soldering

# Pulse Heat Power Supply

## ■ Pulse Heat Power Supply TCW-415 Specifications

Items	TCW-415
Power Source	Single phase AC200V~230V±10% 15A (Option: AC100 - 115V) ※
Transformer Rated Capacity	Built-in, 750VA
Transformer Secondary Voltage	0.88V、1.24V、1.75V、2.47V、3.5V
Heating Temperature	Room temperature ~ 600°C, 1°C step (E,J TYPE) Room temperature ~ 900°C, 1°C step (K TYPE)
Thermocouple Type	E, J or K type
Heating Time	0.01-99.99sec
Display Screen	5.7" color LCD
Heat Control	4 steps
Heat Setting Memory	255
Monitor Function	Temperature from main and auxiliary thermocouple
Heat Shift Function	Yes
Interface	RS-232C, I/O
External Dimensions	W200×D320×H283mm
Weight	Approx. 20kg
Operating Temp.	0 to 45°C
Operating Humidity	35~85%RH (No condensation)
Operating Ambient Temp.	Free from corrosive gases
Storage Ambient Temp.	-10°C to 60°C

※ Factory option



### CAUTION

To operate a unit correctly, read the operation manual carefully. The unit should be situated away from the place filled with water, moisture, steam, dust or soot, which may cause a fire, an electric shock, troubles etc.

※AC power cable/ Weld power cable/ Weld sense cable/ Program box cable are not included.

Please feel free to ask  
for sample tests



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The appearance and specifications are subject to change without notice.

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