

# Rapid Thermal Processing(RTP) Lamphousing

RTP is a process that heats silicon wafers to over 1,000°C in just a few seconds. Infrared rays generated by halogen(or tungsten-halogen) lamps are instantly transmitted to the wafer through a condenser lens. Rapid and concentrated heating allows for precise temperature control and increase in efficiency by shortening process time.

## Applications

Annealing

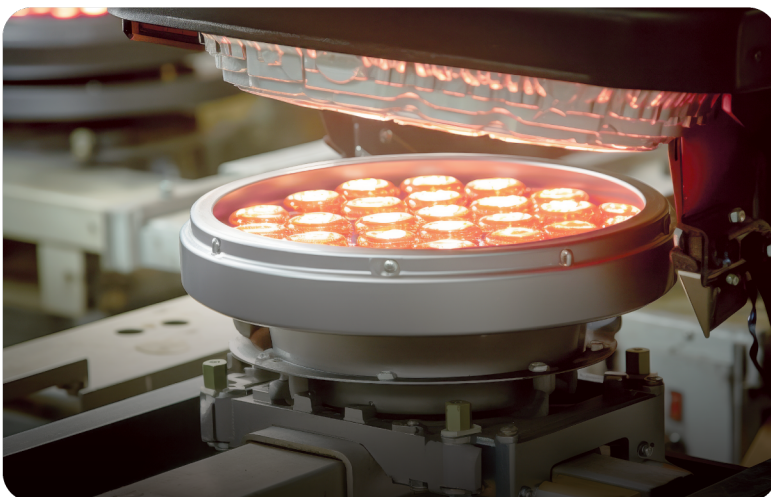
Dopant Activation

Oxidation



AMAT RTP Lamphousing

## Manufacturing Specifications



### Sizes

200mm, 300mm

### Materials

Stainless Steel, Copper Brazed, Au, Ni

### Flatness

≤0.13mm

### Concentricity

≤0.15mm