

External type : Unit heater

Immersion type : Ground heater



*Corrosion resistant and tough titanium shell*



*Cartridge type titanium heater  
Easy maintenance and repair*

# Ground heater • Unit heater

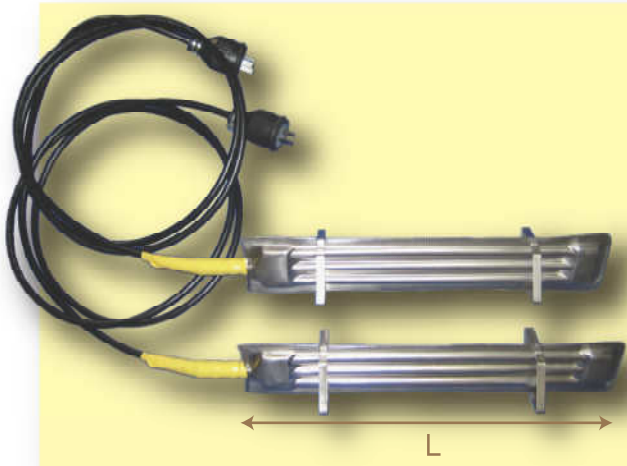
*Titanium / stainless shell Electric heater*

*For heating of various solution and chemical*

# efficient and user friendly

This is the best titanium heater for heating plating solution.

We have immersion type and external type with automatic temperature controller.



## ■ Ground Heater

Ground Heater is an immersion type electric heater covered with the corrosion resistant metal. You can choose corrosion resistant metal among Titanium, 304SS and 316L-SS according to the property of plating solution.

※It can be used in all vertical and horizontal positions depending on the shape and size of the tank.

※100/200V, single phase/three phase

※Whole length of the shell

**(The length of "L" in the left picture.)**

2kw : 450      3kw : 540

6kw : 900      9kw : 1260

## ■ Unit heater

This is an external type electric heating equipment. You can select suitable corrosion resistant materials among titanium, zirconium, and etc. as the heating body, in accordance with the property of plating solution. Automatically control the temperature. Arranged cartridge type of the titanium sheathed heater in radiating position. Built-in several heaters of each 3kw. In case one of the heaters run out, display a broken lamp in main panel. You can easily replace it. So, there will be only a slight influence on the working process.



- ※ 200/220V  
(available until 400V with built-in transformer)
- ※ 9kw, 12kw, 15kw, and 18kw are available.
- ※ Safety design with built-in preventing device for accidental heating.
- ※ Body dimensions : 650Wx300Lx650H
- ※ Plating solution hatch : JIS 32A 5K



Open the lid,  
easy replace and repair.

