

按各类导体，根据客户需求提供平面加热器方案。

We offer planar heaters which utilize all sorts of conductors in response to various needs of our customers.

用途示例

- 用于监控摄像头、车载摄像头镜头的防雾及融雪
- 用于汽车及信号机等指示灯的融雪
- 用于各类标志牌的防雾及融雪
- 需要保温、加热的医疗及福利相关设备、理化学设备、服装等

Applications

- Defogging and melting snow on the lenses of security camera / vehicle on-board cameras
- Melting snow on vehicles and traffic lights
- Defogging and melting snow on signboards
- Temperature control and heating for medical and welfare apparatus, physics and chemistry equipment, apparel, etc.

# 功能性平面加热器

## Functional Planar Heater

AL蚀刻加热器

AL etching heater

特点 Features

低成本（对 SUS/Cu）、低耗电量、可大量生产

Low cost (vs. SUS / Cu), low power consumption, and mass production is also possible

高透明Ag薄膜加热器

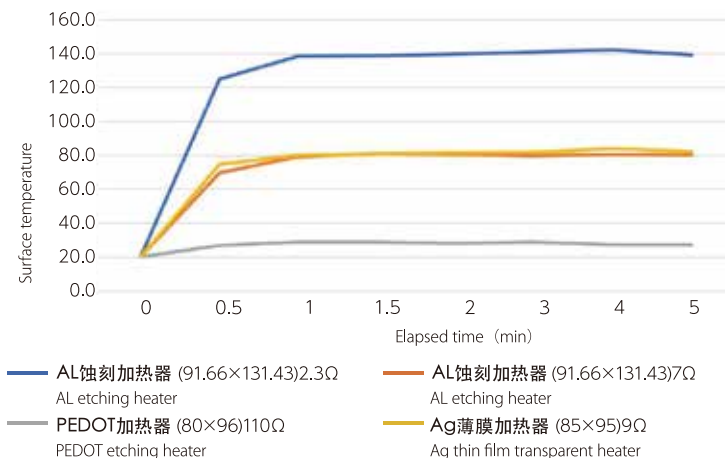
Highly transparent Ag thin film heater

特点 Features

高透明性、适度柔软性、低电阻、高热响应性

High transparency, reasonable flexibility, low resistance, high thermal response

Temperature increase curve data by heater (when 12V is applied)



※上述值为测定值示例，并非保证值

※This is an evaluation based on our own judgment and is not guaranteed.

PEDOT加热器

PEDOT heater

特点 Features

透明性、柔软性、成型性、低成本（对 ITO）

Transparency, flexibility, moldability, low cost (vs. ITO)

伸缩式加热器

Stretchable heater

特点 Features

高柔软性、高耐久性、各应用展开性

High flexibility, high durability, and expandability to various applications

Reference exhibit

【比较表】\*根据本公司判断进行评估，不提供任何保证。

[Comparison table] \*This is an evaluation based on our own judgment and is not guaranteed.

	电阻值 Resistance value	电阻值 Transparency	柔软性 Flexibility	成型性 Moldability	耐久性* Durability*	成本 Cost
AL	◎	△*	△	△	○	◎
PEDOT	△	○	○	○	△	○
Ag薄膜 Ag thin film	○	◎	△	△	○	△
Ag浆 Ag paste	○	×	◎	○	◎	○

\*0.2mm line

\*Comprehensive evaluation

