

利用各種導電體，提供符合顧客需求的平面加熱器。

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

用途示例

- 防犯監視器、車載鏡頭等的防霧、融雪對策
- 汽車、交通號誌燈等燈具的融雪對策
- 各種招牌標示的防霧、融雪對策
- 需要保溫、加溫的醫療或福祉相關機器、理化學機器、服裝等

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.

功能性平面加熱器

Functional Planar Heater

AL刻蝕加熱器 AL etching heater

Features

低成本（對 SUS/Cu）、低消耗電力、可大量生產

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

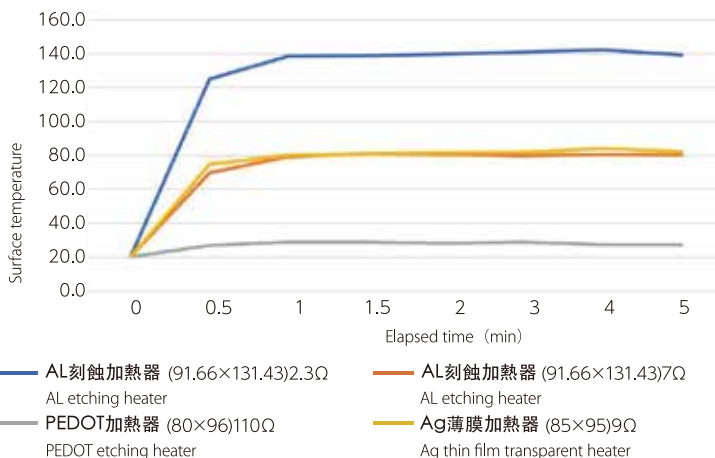
Highly transparent Ag thin film heater

Features

高透明性、適度的柔軟性、低電阻、高熱響應性

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

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



※以上數值為測量值示例，並非保證值

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

PEDOT加熱器 PEDOT heater

Features

透明性、柔軟性、成型性、低成本（對 ITO）

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

伸縮式加熱器 Stretchable heater

Reference exhibit

Features

高柔軟性、高耐久性、對於各應用程式的展開性

High flexibility, high durability, and expandability to various applications

【比較表】*根據本公司判斷進行的評估，不提供保證。
[Comparison table] *This is an evaluation based on our own judgment and is not guaranteed.

	電阻值 Resistance value	透明性 Transparency	柔軟性 Flexibility	成型性 Moldability	耐久性* Durability*	成本 Cost
AL	◎	△*	△	△	○	◎
PEDOT	△	○	○	○	△	○
Ag薄膜 Ag thin film	○	◎	△	△	○	△
Ag漿 Ag paste	○	×	◎	○	◎	○

*0.2mm line

*Comprehensive evaluation

