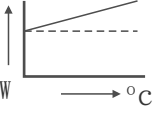
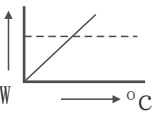
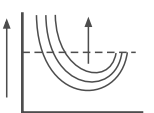


## 發熱體與 SCR 控制器選用參考

### REFERENCE OF OPTIONS OF HEATING ELEMENT AND SCR CONTROLLERS

Material 材料分類			Fixed Temperature 額定溫度	Resistance-Temp. Characteristics 材阻抗溫度特性	Applicable Control 適用控制方式
Constant Resistance Load 定阻抗負載	Alloy 合金類	Nickel-Chromium 鎳鉻合金 Iron-Chromium 鐵鉻合金 Black Lead 黑鉛 KANTHAL-A	1100°C 1200°C 1200°C 1330°C		Applicable on regular zero control and standard single phase control or three phase control. 可適用一般零位控制, 單相相位控制, 或三相相位控制系統
Variable Resistance Load 變阻抗負載	Pure Metal 純金類	Tungsten (Vacuum) 鎢 (真空) Barium (Vacuum) 鋇 (真空) Platinum (Vacuum) 白金 (真空) ANTHAL-SUPER	2400°C 1800°C 1400°C 1700°C		Not applicable to regular zero control, applicable on regular single phase control with constant current and voltage as protection. 不可適用一般零位控制, 極適用標準單相相位控制方式, 並應具有定電流, 定電壓過電流跳脫等保護功能
	Silicone Carbonate 碳化矽	Tecorundum Silicon Carbide EREMA	1600°C 1600°C 1600°C		Not applicable to regular zero control. Applicable on regular standard single phase control or three phase control with constant current. Voltage and over current trip protection. Do not use Y connecting in three phase system. 不可適用一般零位控制, 極適用標準單相或三相相位控制方式, 並應具有定電流, 定電壓過電流跳脫等保護功能。 注意使用三相結線時應避免使用Y型結線

### APPLICATIONS 適用範圍

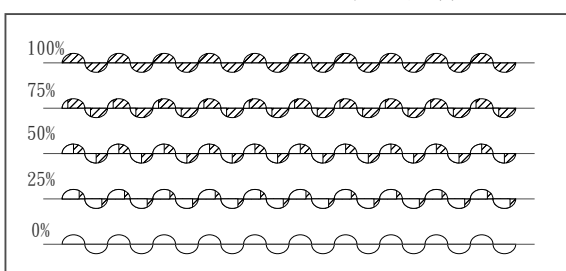
S.C.R. Heat Controller 相位控制器	S.S.P.R. Heat Controller 零位控制器
High voltage like SUPER or EREMA need to use variable resistor 5K/ohm. 若使用高壓爐線如SUPER或EREMA時,請加裝VR和定電流型	None 無
Drying machines, food-processing machines, packing machines, chemical machines, PVC extruding machines, etc... 乾燥機.食品機械.包裝機械.物理化學機械.塑膠射出成型機械	Drying machines, food-processing machines, packing machines, chemical machines, PVC extruding machines, etc... 乾燥機.食品機械.包裝機械.物理化學機械.塑膠射出成型機械

### FEATURES 特性

S.C.R. Heat Controller 相位控制器	S.S.P.R. Heat Controller 零位控制器
Phase angle turn-on. 相角切割	Zero crossing turn-on. 零位導通
Power is subjected to phase wave during the performance. 對每一頻率作切割輸出	Full wave per cycle during the performance. 完整波型輸出
High accuracy rating. 高精密度	High accuracy rating. 高精密度
Easily to use, save power, high efficiency and longer life-use 容易操作.節省能源.高效率.使用壽命長.	Easily to use, save power, high efficiency and longer life-use. 容易操作.節省能源.高效率.使用壽命長
Good linear control. 線性控制良好	Good linear control. 線性控制良好
Isolation up to 2500V AC. 絕緣高達2500V AC	Isolation up to 2500V AC. 絕緣高達2500V AC

### FIGURES OF OUTPUT WAVE CHARACTERISTICS 輸出曲線特性圖

S.C.R. Heat Controller 相位控制器



S.S.P.R. Heat Controller 零位控制器

