



宏益科技
COPOWER TECHNOLOGY

專利產品
PATENTED

新型
NEW

全能試色實驗機

SandoLab SuperMat Laboratory Dyer

—TP PLUS



COPOWER-Be Your Power

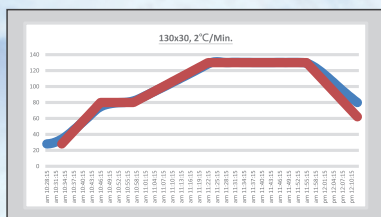
直接量測染液杯溫，
確實、精準！

*To get the temperature of inside water
of the dyepot by direct measurement,
True and Precise!*

染程執行中，除用爐溫溫度控制外，更可量測杯溫，作為溫度控制修正參考，又有記錄可查，讓您染色更安心，更精準！

During the dyeing process, besides to get the drum temperature, it can also measure the temperature of inside water of the dyepot, to be a reference for temperature control and correction. And, the record is traceable, to offer you a more secure and accurate dyeing result.

- 同時量測爐溫及杯內水溫(專利溫度量測杯)
- 爐溫及杯內水溫自動溫度校正
- 藉由專利金屬砂導熱媒介裝置，可將熱源均勻傳導到每一鋼杯，以達到溫度均勻之目的，杯間溫度差1度以內(實際儀器量測)
- 鋼杯內水溫加熱曲線顯示，有記錄可查
- 可準確執行STEP-DYEING染色
- 結合一般紅外線與傳統甘油式打色機之優點，適恆溫/升溫曲線之程序染色，效率高
- The temperature of drum and inside water of the dyepot can be measured simultaneously.
- Thermo control with auto-tuning function at run-time.
- Patented metal sand heating medium, with excellent conduction. Temperature difference among dyepots within 1°C (Measuring by thermal instrument).
- The temperature of inside water of the dyepot can be curve displayed in the graph view, recordable.
- The Step-Dyeing function can be performed accurately.
- To combine the advantages of infrared and glycerol dyeing machine, suitable for constant temperature / programmed dyeing, with high efficiency.



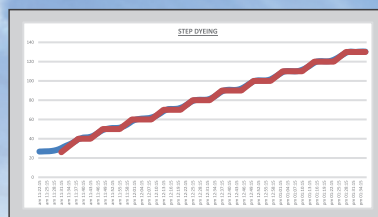
■ 鋼杯內水溫加熱曲線顯示

■ The temperature of inside water of the dye pot can be curve displayed in the graph view



■ 杯間溫度差 1 度以內 (實際儀器量測)

■ Temperature difference among dyepots within 1°C (Measuring by thermal instrument)



■ 可準確執行 STEP-DYEING 染色

■ The Step-Dyeing function can be performed accurately



■ 同時量測爐溫及杯內水溫 (專利溫度量測杯)

■ 爐溫及杯內水溫自動溫度校正

■ The temperature of drum and inside water of the dye pot can be measured simultaneously

■ Thermo control with auto-tuning function at run-time

規格 SPECIFICATIONS

型 號 Model	SUPERMAT			
型 別 Type	TP PLUS			
機 台 組 成 Mechanics Composition	不銹鋼外殼	一組	Stainless Steel Casing	x1
	加熱器	一組	Heating Element	x1
	加熱轉盤	一組	Heating Drum	x1
	空氣冷卻系統	一組	Air Cooling System	x1
	染程控制器	一組	Temperature Controller	x1
	(100組程式、20段染程)		(100 programs、20 steps)	
	溫控迴路模組	一組	Temperature Control Module	x1
電 力 Power	消耗功率：5KW (max.) 電源：220V 單相 頻率：50Hz / 60Hz 轉速：60 R.P.M.(max.)	Power Consumption: 5KW (max.) Power: 220V, single phase Frequency: 50/60 Hz Rotary Speed: 60 R.P.M. (max.)		
機台尺寸 Dimensions	670 x 720 x 750mm (寬x深x高)	670 x 720 x 750mm (W x D x H)		
重 量 Weight	淨重: 約135kgs (不含備品)	Net Weight: about 135kgs (excluding accessories)		

■ 可提供之外殼烤漆顏色：
Coating color available:



寶石藍 Blue



珍珠白 White



■ 規格變動恕不另行通知 Specifications subject to change without notice

"Certified to ISO 9001:2015 in Quality Management System Requirements"



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