SKP Series

HYBRID RAPID COATING IN CHAMBER UTILIZE YOUR PRODUCTION RHYTHM

簡介 Introduction

大永真空『SKP-爐內塗佈快速真空鍍膜機』是一款適用於車燈塑料反射罩、

SKP- Hybrid Rapid Coating in chamber is a evaporation metalizer that designed and developed to apply for automotive light reflector, bezel and trinkets.With the combination of PVD & PECVD coating process which carry out top coat, base coat and metalizing process that lead to various features such as high-yield, rapid coating process that reducing the buffer time of the production cycle and futher increase the efficiency of production.

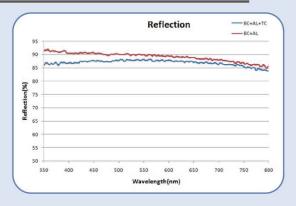
主要規格 Specification

	SKP SERIES		
Model	SKP-1000	SKP-1500	
Chamber Dimension W x H (mm)	1000 x 1850	1500 x 1850	
Number of Planetary Axis	1	2	
Efficiency Height (mm)	1500	1500	
Efficiency Diameter(mm)	Ø700	Ø500	
Vacuum Deposition Method	Thermal Evaporation		
Plasma Polymerization	MF PECVD Process		
Number of filament	18~28 Pieces		
Filament Power Supply	30 kW		
Plasma Electrode	Plate to Plate 1 Set	Plate to Plate 2 Sets	
Plasma Power Frequency/Power Supply	MF 40 kHz/ 10 kW		
Ultimate Vacuum Pressure (Torr)	5x10 ⁻⁶		
Cycle Time	≦10 mins	≦12 mins	
Power Supply / 3 Phase, 380V	105 kVA	115 kVA	

環測結果 Test Performance

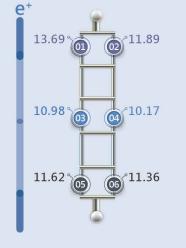
Testing Item	Specification	Result
Water immersion (ASTM D 870)	40°C/30hr	Pass
Adhesion (ASTM D 3359-97)	1. Make two cuts in the film that intersect near their middle as drawing. 2. Place the center of the tape at the intersection of the cuts with tape running in the same direction as the smaller angle. 3. Remove the tape and pulling it off rapidly (not jerked) back upon itself at as close to an angle of 180° as possible.	Pass
Corrosion Barrier	1% KOH/10min	Pass
Surface	No haze, yellow or rainbow color	Pass

鍍膜反射率和膜厚數據 Reflectance and film thickness data.



均匀度 Homogeneity of film

被鍍物無論放置於上、中、下方, 膜厚相近,鍍膜均匀度良好。 Location of Substrate on on top, mid and bottom of the every jig are equally coated and adhere with homogeneous thin film.



DAH YOUNG

BATCH METALLIZER

效益 Benefits

產品開發測試 Product Development

- 縮短車燈開發、測試時間與
- Reduce on Develop Cost, Developing and Testing
- 協同式研發 Cooperative Development

生產:智慧化/模組化 Production: Intellectualization / Modularization \square 00 (000000

- 大量客製化、少量多樣 Applicable for Variety Customize Production
- 生產節奏最佳化 Maximize Production Cycle and Tempo.
- 良率提昇 Increase the yield rate of product.

業務接單/採購/廠務管理 Others ·提供車廠快速交期 Shorten Delivery Time

服務報告書

Service report.

產品調整建議

recommendation.

問題分類彙整

Product adjustment

- 減少製具使用數量 Reduce the number of Jigs using.
 - · 減少使用空間佔用 Reduce the space occupied of the
 - machine. · 節省製程間等待時間 Reduce the buffering time during the production.

Sales \$

提供市廠滿音 的客製化產品 Providing a Satisfied Customization Product for

Customers

最終效果 Result

- 回饋產品設計開發 Feedback on the Design of Product Development.
- 驅動商業模式創新 Innovate and Thriving the Business Model
- 開發新事業/市場 New Market or Business Establishment.

客服中心 Customer Service

常用耗材統計

Regular inspection to Common used supplies data record and lineage.

設備異常快篩

定期到府巡檢

client location.

Rapid screening for equipment problem.

牛產參數建議

Production parameters recommendation.

遠端連線服務

Remote connection service.

Basic education training.

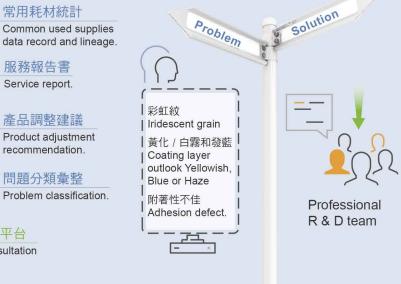
基礎教育訓練 線上諮詢平台

Demand

客服解決方案

Online consultation platform

關鍵技術服務 Technical services





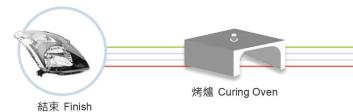


射出和壓鑄設備 Molding and Die Casting Machine

DAH YOUNG Your Total Solution.



提供真空鍍膜設備 真空耗材,真空幫浦 及冷凝設備。 Vacuum Coating, Supplies, Pumps and Polycold.



噴房,噴塗線,噴槍;廢水處理,廢渣處理 溶劑處理和機械手臂等設備。 Spray Booth, Spray Line, Spray Gun,

Wastewater and waste treatment, Solvent Recycler, Coating Robot.





^{*} Specification might vary due to any customization demand.