



科嶠工業股份有限公司

Asia Neo Tech Industrial Co., Ltd.

簡介

PCB 產業防焊製程大突破，以噴塗方式覆蓋一層絕緣油墨，讓防焊、絕緣、護板做得更紮實，提升 PCB 板防焊製程的良率及板面美觀。本產品具備人性化操作及從節省人工人力方向研發，取代傳統印刷方式，解決專業印刷技術員須長時間調試機台的問題，本產品無需專業印刷手即可操作，也解決日益嚴重的人工成本問題，同時克服客戶端多樣化的尺寸規格及工作流程繁瑣的困擾，大幅降低成本，提升機台的稼動率，更擴增市場的競爭力。科嶠工業提供最佳自動化流程以最小的空間場地創造最大的成效，並協助 PCB 產業提升良率與效能，穩定環境製造商，科嶠工業的保證就是客戶的資產。

評語

- 本標的以噴塗上墨的方式取代以往的網板印刷製程，運用伺服馬達帶動噴槍反覆移動將油墨均勻無死角的分佈至 PCB 板上，藉由遮邊裝置改善基板雙端的留邊區域及基板周邊容易沾染油墨的問題，並利用超音波震盪清除鏈條上之油墨，節省清洗時間，系統設計具創新性。
- 標的不需有印刷技術，只需一般作業員放板即可且提升產品良率及產能，深具實用性。

Introduction

The launch of this machine, considered a major breakthrough in the solder mask process for the PCB industry, achieves better solder resist, insulation & shielding effect by spraying ink to the surface of PCBs, and therefore improves their appearance and the yield in the solder mask process. The machine, based on the concept of labor saving, is designed to be full automatic operation. It replaces the traditional operating method which requires professional technicians for operation and for mechanical adjustment all the time. Thus, PCB manufacturers, once adopting it, are free themselves from problems such as labor shortage, which also leads to a dramatic cost reduction subsequently. Meanwhile, it is also designed to simplify the current complicated workflow that comes from the end users' needs of manufacturing a variety of PCB sizes or specifications. PCB manufacturers shall benefit from it to cut the production cost and to improve factory utilization, and thereby enhance their competitive edge in the marketplace.

Asia Neo Tech, providing the best solutions for automated production, specializes in assisting our customers in the PCB industry to achieve high yield & high efficiency, deriving the max. benefits out of a min. plant space. As our slogan says: our guarantee, your property!

Commentary

- This product replaces conventional screen-printing with spraying inking. It inks PCBs with servo motor driven airbrush for uniform and blank spot free coating, reduces ink smear at margins of both ends and edges of baseboards with edge masks, and saves cleaning time by removing ink residuals attached to chains with ultrasonic vibrations-- A very innovative system design.
- This product requires no printing skills at all. Any ordinary operators can place the template and start printing with improved yield and output. It is a very practical device.



全自動低壓噴塗機 Low-Pressure Spray

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