

客製化優劣比較

Comparison Between Customized and Standard Products

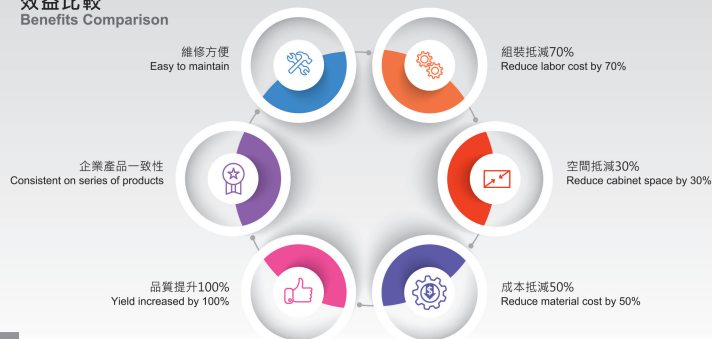
宇聯在客製化面板提供的解決方案

The solutions provided by YEU-LIAN in the customized panel

- 配合機台的機構設計提升客戶操作設備的體驗
- 保有彈性及擴充性，滿足市場的高度客製化需求
- 差異化及獨特性，定位公司品牌價值，保有系列產品的一致性
- 減少重複的組裝以及焊接工作，有效減少人力成本70%
- 客製化面板上機前已經測試，不必整機組裝完成才確認品質
- 多樣整合設計：RFID權限管理、指紋辨識、人臉辨識、觸控顯示器方案、感測器整合、無線傳輸...等
- 停產後，保證10年整合式電路板及面板材料供應
- MOQ≥1
- Improve customer experience on operating equipment.
- Flexible and expandable to meet highly customized demands.
- Making different and unique designs to enhance brand value, and the consistency of the products.
- Reduce labor and material costs.
- Customers do not have to confirm the assembly quality after every work.
- Customized operation panels have already full test before shipping.
- Various integrated designs: RFID rights management, fingerprint recognition, face recognition, touch display solutions, sensor integration, wireless transmission...etc.
- Customized circuit boards supply 10 years after last order.
- MOQ≥1.

效益比較

Benefits Comparison



客製化面板的好處

The Benefits of Customized Control Panel



1 標準品

Standard Products

- 無法滿足客戶操作的便利性
- 無法滿足機台設備的獨創性
- 客製化按鍵需求功能需要額外買購買設備
- Cannot provide convenience of operating the machine.
- Cannot enhance the originality of machine equipment.
- Customized icon on button requires additional equipment.



2 現有產品

Existing Operation Panel

- 傳統開關組成，每個開關獨立組裝
- 傳統開關增加圖示需要重新組裝與對圖面，組裝費功外管理圖面也因難
- 傳統開關需要將點位焊接後配線到轉接板再連結到PLC，需要大量的線材加工及人力，且焊接品質需要熟練的員工錯誤才降低
- 需要上機通電才能確認所有按鍵的正確性
- 拼湊差亂，沒有系列產品的一致性
- Panel composed of traditional switches which assembled independently.
- The switches require various labels which not easy assembling.
- Each switch needs to be soldered and wired on the adapter circuit board to PLC.
- Requiring lots of costs on cable and labor.
- Assembly quality has to be granted after finishing entered marching.
- Series of products have no consistency.



3 客製化操作面板

Customized Control Panel

- 客製化設計可以滿足傳統面板擴充性不足
- 配合客戶的機械設備，並符合人體工學設計
- 按鍵可雷射雕刻或印刷，正面更換式模組有效提升共用性
- 部份常用元件使用傳統開關，高使用頻率耗損後容易更換
- 整合所有開關以及電路，大量減少轉接線材及人工成本
- 每一式客製化面板都是模擬設備環境通電測試後才交付客戶，確保品質
- 停產後，保證10年以上整合式電路板及面板材料供應
- MOQ≥1
- Expansion performance of customized design is better than traditional way.
- Integrate and design products with the customer's equipment and ergonomics.
- Front replacement design.
- Conventional switches which often used can be separately on the panel.
- Integrated circuit boards reduce assembly time. Reducing labor and material costs.
- Full function test before shipping.
- Customized circuit boards supply 10 years after last order.
- MOQ≥1.



產品組合

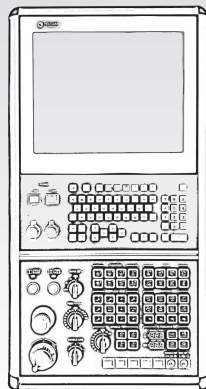
Product Portfolio

客製化CNC機械操作面板 Customized CNC Machine Control Panel



特色 FEATURES

- 適用數控、車床、銑床、磨床及加工機台專用CNC控制面板
- 雷射雕刻/全彩印刷圖形，精細、耐用
- 正面拆換設計
- 電路整合最佳化(搭配客製複合式電路板服務)
- 符合人體工學設計，回饋感及按鍵行程可以客製
- 防水防塵IP65以上(須配合客戶操作箱環境)
- 日本製輕觸開關，壽命達十萬次以上。
- CE/RoHS
- Applicable on CNC machine tools like lathes, milling machines, drilling machines, grinding machines, and multitasking machines.
- Laser engraving graphics, refine and clear, scratch-resistant, oil-resistant.
- Front replacement design.
- Circuit integration optimization.
- Ergonomic design.
- Protection is more than class IP65 (design with operating cabinet).
- Original Japanese tact switches having more than 100,000 cycles.
- CE/RoHS

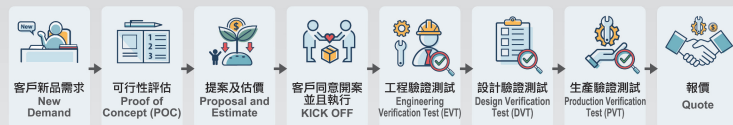


產品組合

Product Portfolio

客製化開案流程說明

Customized Project Process Introduction



標準按鍵模組型號說明

Button Module Information

按鍵 Button Module	框 Frame Type	顏色 Color	LED
5 雷射雕刻按鍵 Lazard Engraving	B 標準 Standard	GR 灰 Gray	L 背光 Backlight
6 壓克力按鍵 Transparent Button	C 保護蓋 Cap	BL 藍 Blue	N 不裝燈 No light
	AT 防觸框 Anti-touch	RE 紅 Red	
	S 防水罩 Shield	GN 綠 Green	
	ATS 防觸防水罩 Shield with anti-touch	DG 深灰 Dark gray	
	N 封蓋 Cover	BK 黑 Black	



- 工業鍵盤(Industrial keyboard)
- 雷射雕刻(Laser engraving)
- ABS



- 薄膜按鍵(Membrane buttons)
- 全彩印刷(Full-color printing)
- PET



- 5代按鍵(5th generation buttons)
- 雷射雕刻(Laser engraving)
- ABS



- 6代按鍵(6th generation buttons)
- 全彩印刷(Full-color printing)
- PC