



VI-23L-100IT

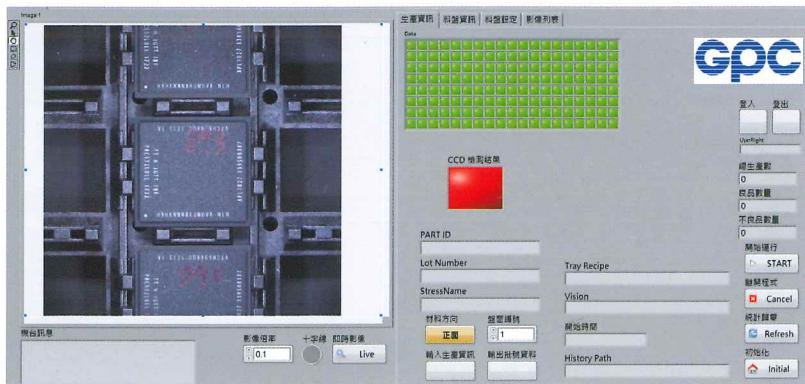
Jedec Tray 2D AOI Trolley Type with UPS

DESCRIPTIONS

- 適用材料 : BGA、QFN、QFP on Jedec Tray
Applicable materials : BGA、QFN、QFP on Jedec Tray
- 封裝尺寸 : 3x3mm - 70x70mm
Package size : 3x3mm - 70x70mm
- 設備介紹 :
Equipment introduction :
 - 適用流程及工作站
Applicable processes and work stations
 - (1) IQC 進料檢 Incoming Quality Control
 - (2) IPQC : 生產中首盤檢及抽檢 In Process Quality Control of FAIR (First Article Inspection Report) and random inspection during the production.
 - 具備檢測照片存查功能、生產報表上傳功能, 可以提供tray mapping之資訊。
The inspected photo could be storaged and upload function available, tray mapping information as well.
 - 可移動式封裝材料外觀 2D AOI 檢測推車。
Movable trolley type for the package appearance 2D AOI inspection.
 - 操作人員手動將Jedec Tray 放置平台上, 依照選擇之產品及檢測項目, 進行 2D AOI 檢測。
The operator manually places the Jedec Tray onto the platform and performs 2D AOI inspection according to the recipe selection.
 - UPS離線式供電(充滿電狀況, 可待機運行60分鐘)。
Offline UPS power supply (60 minutes available once the full charge of the UPS).
- 設備優點 :
Equipment advantages :
 - 節省人工 : 可移動至機台邊, 進行全自動首件檢測, 且無須專職人員操作。
Labor saving : Trolley type design, which is able to be operated beside the tester handler, no expert & experiences need.
 - 提高效率 : 相比於人工檢測, 使用此設備可提供至少五倍的檢測效率, 有效減少產線等待時間, 並可依不同材料厚度設定相機之景深數值。
High efficiency : Compared with the manual inspection, the trolley inspection can provide at least 5 times capability of inspection efficiency. To reduce the idle time in production line, also easy to set the focus depth of camera according to different package thickness.
 - 追蹤數據 : 檢測後, 系統自動生成檢測報告及儲存檢測照片, 並可上傳或發送報告, 也可選購無線網路接收器, 在移動操作過程中與主機進行無線連結。
Data tracking : After the vision inspection, the system will generate the inspection report and storage the inspection photos automatically. The report can be uploaded or be sent. A wireless network receiver can be purchased to connect with the host during the operation.
 - 穩穩定耐 : 使用高精度電動滑台, 材料傳送過程平穩也具備高精度定位之優點。
Stable and durable : Using high-precision components, the smooth transmission and has high-precision positioning are the advantages.
 - 操作簡單 : 藉由觸控螢幕操作設備, 友善的操作介面輕鬆易學, 容易上手, 套裝軟體提供快速的檢測設定, 只需5~10分鐘即可完成新型號或新缺陷的設置。
Friendly operation interface : Operated via the touch screen, interface is easy to learn and use. The software provides the fast recipe settings, it will take only 5 to 10 minutes to complete the new models or new defects setting.



AOI Mechanism



Vision Inspection

Performances

UPH	150 sec / Tray (Package Size 3mm*3mm)
Loader & Unloder	Jedec Tray by Manual
Inspection	Defects of Crack > 0.06mm Defects of Copper Exposure > 0.06mm Defects on Solder Ball > 0.06mm
Measuring Repeatability	±0.0225mm
Controller	IPC

Facility Requirement

Dimension (W*D*H)	750mm*650mm*1750mm
Weight	90kgs
Power Supply	AC 220V Single Phase / 60Hz
Painted Color	Can be specified by customer



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