

CBP Tweezer 夾子準備關上

Cold Bump Pull 錫球/凸塊夾拉力測試

- 錫球夾拉力測試
- 傳感器精度±0.075%
- 做出有興趣的失效狀況,例如:IMC 連結失效或Pad 的坑
- 重新產生拉力負載,來模擬典型真實的失效狀況
- 可以測試小於80µm 的錫球/凸塊 (根據客戶的球高和球徑比率)
- 可以控制夾球時的夾力
- 可以控制夾球時的速度
- 可以控制夾球時的夾子開合的大小
- The **RMU** can hold up to 6 sensors in any combination, including up to 4 USB Tweezers
- 符合 JEDEC JESD22-B115, JEITA EIAJ ET-7407 and IPC-9708
- 非接觸式夾爪殘錫清除系統
- copper pillar 銅凸塊測試

[Video not included in PDF: [click here to view online](#)]

How to: Cold Bump Pull

We have added an [extensive how-to on Cold Bump Pull \(CBP\)](#) to our website. By doing this we aim to spread knowledge about bond testing in the industry. [Click here to go there.](#)

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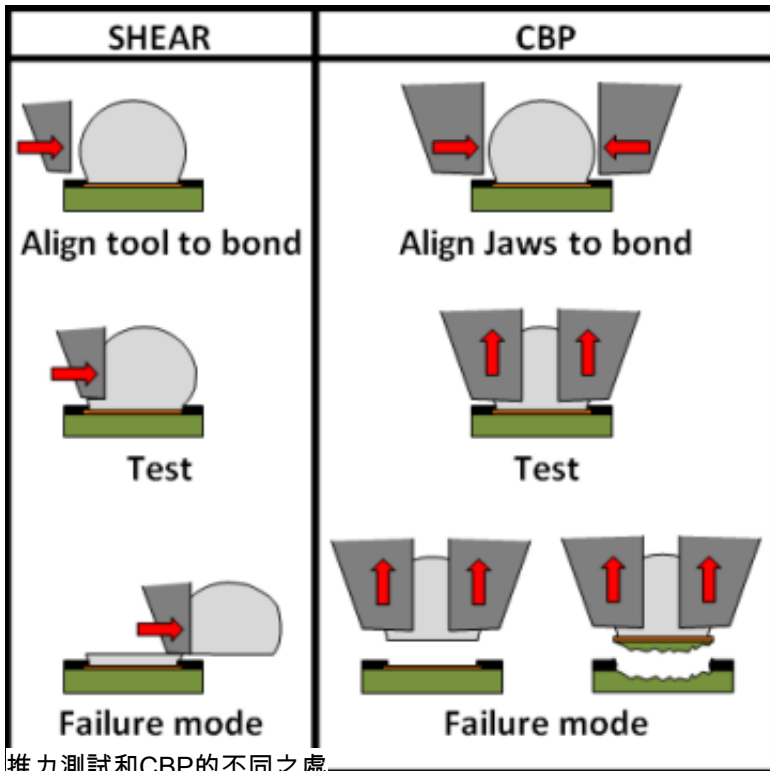
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Bond testers

- Condor *Sigma*
- Condor *Sigma Lite*
- Condor *Sigma W12*
- Condor *150HF*

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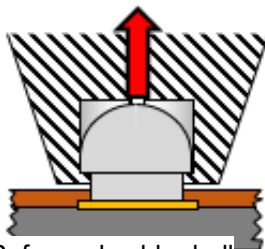
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推力測試和CBP的不同之處

CBP的優點

使用 XYZTEC USB電動夾爪來執行夾拉力測試 (CBP),提供獨一無二的準確性和控制能力. 多數錫球的連結在底部凹槽內,被形成在阻焊層. 在推力測試的過程,它也提供連結測試中的阻力,造成錫球推力測試的失效模式和結果影響.



Reformed solder ball

在拉力測試中,這個連結阻力卻不會影響測試結果,並有機會可以產生更多有意義的失效模式. 必需使用客製化的夾爪來夾拔錫球/凸塊. 他們可以重新塑造錫球上端來確保持力負載不會干擾到連結處.

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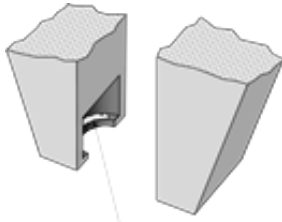
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殘錫卡在CBP 夾爪的凹槽內

CBP Jaw Cleaner

當越來越多的殘錫累積在CBP 夾爪的凹槽內. 這會嚴重降低夾錫球時的效率, 並進一步影響你的測試結果.

可是清潔夾爪的凹槽是非常的困難, 而且小的夾爪又容易在傳統工具清潔中被破壞.



USB 電動夾爪執行錫球拉力測試(CBP)

CBP電動夾爪型錄

請[點擊這裡](#) 來下載 XYZTEC CBP電動夾爪型錄 (PDF)

請聯絡我們

我們是否引請你的注意? 請 [聯絡我們](#) 如果需要更多資訊, 請提出機台展示或正式報價的需求.

Relevant products

- Condor Sigma
- Condor Sigma Lite
- Revolving Measurement Unit
- Sensors
- Tweezers
- Vision
- Software
- Calibration
- Condor Classic
- Condor 150HF

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Special applications

Please [contact us](#) if you have any questions or special bond testing requirements.

Condor Sigma brochure

[Click here](#) to download the [Condor Sigma brochure](#), the [Condor Sigma W12 brochure](#) or the [Condor Sigma Lite brochure](#) or the [Condor Sigma Vision brochure \(PDF\)](#).

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