



USB Tweezers wire pull

Tweezer pull test

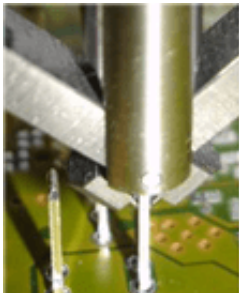
- 측정 응력은 적용 응력과 동일함
- 아주 정확한 테스트 결과
- 시편을 잡는 힘과 잡는 속도를 프로그램 가능한 **USB tweezers**
- The **RMU** can hold up to 6 sensors in any combination, including up to 4 USB Tweezers
- [Click here for cold bump pull](#)

How to: Tweezer Pull

We have added an [extensive how-to on Tweezer Pull](#) to our website. By doing this we aim to spread knowledge about bond testing in the industry. [Click here to go to **www.tweezerpull.how**](#).

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

Pin pull test



Pin pull on FR4

Tweezer pull testing 은 표준 pull 테스트와 비슷합니다. 차이점은 시편을 당기기전 시편을 잡고 clamp 에는 특수 tweezer 가 사용된다는 점입니다. Tweezer pull testing은 wires, ribbons, pins, balls 또는 components 테스트에 사용됩니다. Tweezer 가 시편을 잡았을 때 시편이 빠져나가면 안됩니다.

표준 wire pull 테스트에 hook 는 wire 를 당길 때 적용합니다. Wire 에 적용되는 응력은 ball 또는

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Bond testers

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

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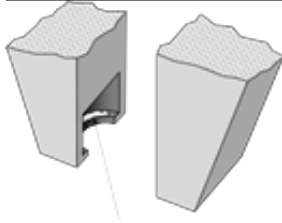
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wedge 위에 정확하게 적용되지 않는 ball 또는 wedge 응력과 동일하지 않습니다. tweezer 를 사용하는 pull 테스트는 직접적으로 ball 또는 wedge 위에 응력 적용이 가능합니다. 측정 응력은 적용 응력과 동일합니다. 이 테스트를 진행하기 전에 wire 를 먼저 잘라야 합니다. 특수 tip을 이용하여 Wire 를 자를 수 있습니다. Tweezer로 wire 를 곧게 펴고 테스트를 시행합니다.

XYZTEC 은 대부분의 tweezer pull 테스트에 대해 **USB tweezer** 를 추천합니다. tweezer tip은 바뀔 수 있으며, 시편 clamping에 요구되는 응력을 소프트웨어에서 설정 할 수 있습니다. Wire 절단에 사용되는 특수 tip과 아주작은 시편 또는 higher forces 특수 tweezers를 제공합니다.

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



Contamination inside CBP tweezer jaws

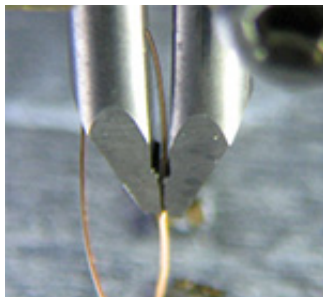
Contactless Cavity Cleaner

During use solder builds up in the cavity in cold bump pull (CBP) jaws. This reduces their grip efficiency and affects the quality of your measurements. XYZTEC offers **the best solution** for this problem: the patented **Contactless Cavity Cleaner**.

Tweezers flyer

[Click here](#) to download the **Tweezer Solutions flyer** (PDF) by XYZTEC.

Micro drives with the 'strength of a giant'



Copper wire pull test on RFID

[Click here](#) to download an article by Faulhaber, called "**Mechanical stress test for component solder joints and bonding wires - Micro drives with the 'strength of a giant'**" (PDF) on the **USB Tweezers**.

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Contact us

더 필요한 것, 견적서 또는 references 목록 등등이 있다면 [여기를 클릭하세요](#).

Advances in tweezer pull testing

[Click here](#) to read the article that was first published in *Chip Scale Review* May June 2014.

Relevant products

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- [Condor Sigma W12](#)
- [Condor 150HF](#)
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- [Sensors](#)
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- [Vision](#)
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Increase your bondtesting throughput

The [Condor Sigma](#) is not only the most accurate bondtester in the world, but also the fastest. [Click here to read the study that proves the Condor Sigma is up to 39% faster than the competition.](#)

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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