



全自動化

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 - P2: What is Required for Automation?
 - P3: What is Possible with Modern Automation?
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 - 為何需要測試連結力
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- How to test bonds
 - How to: Cold Bump Pull
 - Cold Bump Pull objectives and jaw size
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 - Cold Bump Pull setting up and doing a test #1
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 - Cold Bump Pull tweezers and test sequence recap
 - Cold Bump Pull test force, cleaning and jedec

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Bond testers

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

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- How to: Wire Pull
 - Wire Pull Tool design and quality
 - Wire Pull Alignment
 - Wire Pull Loop height measurement and work holder
 - Wire Pull Variants: vector pull, gull wing leads
 - Wire Pull Test method settings
 - Wire Pull Failure modes
 - Wire Pull Force calculations
 - MIL-STD-883 2011.9 bond strength (bond pull test)
 - MIL-STD-883 2023.7 nondestructive bond pull
 - MIL-STD-883 2023.7 Appendix A
 - MIL-STD-883 2004.7 lead integrity
 - MIL-STD-883 2004.7 A - Tension
 - MIL-STD-883 2004.7 A1 Lead braze integrity
 - MIL-STD-883 2004.7 B1 Bending stress
 - MIL-STD-883 2004.7 B2 Lead fatigue
 - MIL-STD-883 2004.7 C1 Lead torque
 - MIL-STD-883 2004.7 C2 Stud torque
 - MIL-STD-883 2004.7 D Solder pad adhesion
 - MIL-STD-883 2004.7 E Lead plating integrity
 - MIL-STD-883 2024.2 Lid torque glass-frit-sealed
 - MIL-STD-883 2019.9 Die shear strength
 - MIL-STD-883 2031.1 Flip chip pull off test
 - How to: Tweezer Pull
 - Tweezer Pull Tweezer Design
 - Tweezer Pull Alignment and Failure Modes
 - Tweezer Pull Ribbon Pull and Peel
 - Tweezer Pull Copper Pillar
 - Tweezer Pull Stud Pull and Pick and Place
 - 連結網站
 - 半導體同業
 - 半導體工程
 - 製程控制
- 工作機會
 - 個案 研究
 - Danfoss
 - LED WAFER全自動化測試
 - Heraeus rates XYZTEC as excellent supplier
 - case4
- 研究夥伴
 - 聯絡我們
 - 搜索引擎

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 - [Fully automatic lead frame tester introduced at SMT Hybrid Packaging](#)
 - [Semicon Penang 2017 successful](#)
 - [Pizza and Go cart racing at K1 Speed in Northern CA](#)
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 - [Job opening for Junior Mechanical Design Engineer \[closed\]](#)
 - [Successful seminar in Russia with Sovtest](#)
 - [Market leading Condor Sigma bond tester at TPCA Taiwan](#)
 - [Automation features draw attention at Semicon Taiwan 2016](#)
 - [HTMG represents XYZTEC in South America](#)
 - [关于召开 2016 年中国半导体封装测试技术 与市场年会 \(第十四届 \) 的通知 \[UPDATED\]](#)
 - [Purchase wire hooks, shear tools, tweezer tips by PayPal](#)
 - [SMT 2016 all about automation](#)
 - [Annual sales and service event in Bangkok big success](#)
 - [Come visit us at Semicon China](#)
 - [HiSOL new distributor in Japan](#)
 - [手機螢幕上的驅動晶片測試](#)
 - [ISO-Dynamique and Axend represent XYZTEC in Malaysia, Singapore, Thailand, Indonesia and Vietnam](#)
 - [Wire detect functionality popular at Productronica](#)
 - [How to: Cold Bump Pull](#)

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- 刮痕測試 / 鍍膜測試
- Condor Sigma draws attention at Semicon Taiwan
- 令人振奮的銷售和服務曼谷會議
- Bond Test Measurement Accuracy
- Condor Sigma software now available in Vietnamese
- Automatic wire detection draws attention at SMT 2015
- XYZTEC宣布與實密科技股份有限公司 (簡稱SST)正式合作
- More on loop height testing
- BaiTech to represent XYZTEC in Southern California, Tijuana Mexico
- Copper pillar testing
- 訂閱XYZTEC 最新的技術摘要
- 最佳解決方案: 針對300mm(12吋)晶圓測試
- XYZTEC 赛世铁克安排了一系列的 研讨会
来传递专业知识并以最直接简单的方式来简报
- Successful distributor training during XYZTEC week
- Highlighted: Condor Sigma W12 for 300mm wafer testing
- XYZTEC shows full automation on the Condor Sigma at the SMT 2014 in
Nürnberg
- Advances in tweezer pull testing
- Maestro payment method accepted in webshop
- XYZTEC launches webshop for consumables
- ODEOM new distributor for Turkey
- Condor Sigma attracts attention at Productronica
- XYZTEC Sales Director Dirk Schade joins the IMAPS board
- Antycip Technologies new distributor for France, Spain, Portugal and North Africa
- Busy IMAPS show in Orlando, Florida
- Creep test
- SMD shear test
- Spring rigidity test
- New Condor Sigma videos available
- Condor Sigma celebrated at Red Dot Gala
- Visit us at PCIM Asia in Shanghai
- 與公司一起成長的推拉力計
- Condor Sigma 獲得 2013德國紅點設計大獎
- Condor Sigma draws attention at Semicon China
- Condor Sigma Vision solutions
- 3H Corporation new distributor in Korea
- Heraeus: XYZTEC class A supplier
- Crockett Southwest new XYZTEC sales partner in Texas, Oklahoma, Louisiana
and Arkansas
- GIO Award for Condor Sigma
- Alternative Testing Methods for Electronic Assemblies
- USB Tweezers: a unique electrically actuated micro grippers solution
- NW Test Solutions to represent XYZTEC in Pacific Northwest

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- Condor Sigma nominated for European Aluminium Award 2012
 - Visit us at Semicon Taiwan 2012 in Taipei
 - New uni-axial bending test for ultra-thin die
 - Busy first show for Tom Haley
 - XYZTEC welcomes new sales manager for United States and Canada
 - Condor Sigma at Dutch Technology Week 2012
 - Condor Sigma attracts attention on ECTC 2012
 - High interest in self-alignment tool on Fraunhofer Technology Day
 - Introduction of Sigma at Semicon Korea
 - Condor Sigma in Japan
 - Interelec Electronics AG switches to XYZTEC
 - XYZTEC 与天津大学共同举办的“高温电子组件封装的机会与挑战”研讨会非常成功
 - Condor Sigma: Performance and Flexibility
 - New test method for mechanical strength evaluation of solar cell solder joints
 - Case studies: Danfoss, flexibility and deep access
 - LED WAFER全自动化测试
 - Employees donate to Japan relief effort
 - XYZTEC participates in Solar Module Value Chain for International BIPV Concepts
 - XYZTEC proudly presents its Korean website
 - Aubert Dupont speaks at IEEE CPMT 2010
 - XYZTEC launches new website
 - Charity event for RETT syndrome big success
 - Technical Informer: USB Tweezers
 - XYZTEC introduces Condor EZ: the next generation in bond testing
 - Technical Informer: Solar Cell Ribbon Peel Testing
 - Bob Sykes 加入XYZTEC公司
-
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 - LinkedIn
 - 最新的技術摘要
 - Free SMTconnect ticket? Register now
 - Is Fully Automatic Bond Testing Possible?
 - Advances in Thin, 3D and MEMS Die Bond Strength Testing
 - Shear testing copper pillar
 - Fracture strength of thin wafers and die
 - Centralized database for enhanced security and SPC options
 - Full Automation with Improved Pattern Recognition, Fiducial Marks Analysis, Wire Detect and Failure Mode Analysis
 - Coating and film testing

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- Latest software release enables automatic grading
- Vision enhanced materials testing
- XYZTEC makes lid pull easy
- Condor Sigma W12 with large heater stage
- How to: Wire Pull
- Get 10% off your next tools order
- Pull testing bumped wafers
- SMD gull wing leads testing
- Automation: matrix bond testing made easy
- Fully integrated solution for automated wafer testing
- In bond testing, size does matter
- XYZTEC goes from strength to strength
- Automatic wire detect
- Highly reproducible stud pull tests are possible
- 刮痕測試 / 鍍膜測試
- Loading samples has never been so easy
- Axis accuracy of $\pm 1\mu\text{m}$: essential for automatic bond testing
- Increase your bondtesting throughput
- USB Tweezers
- Analyze not only forces but also distances on your product
- Technology leader XYZTEC raises the bar in bond testing once again with new software release
- Why all bond testers should have an RMU
- Copper pillar testing
- Is process verification important to your business?
- Fully automated bond tester
- Ideal solution for 300mm (12 inch) wafer testing

Condor Sigma

- Condor Sigma Lite
- Condor Sigma W12
- Condor Sigma MAG
- 全自動化
- 人體工學設計
- 六合一旋轉測量模塊和單一測量模塊
 - 感測器測量模塊
- 夾爪
 - 非接觸式夾爪殘錫清除系統
- 夾治具
- 軟件 (體)

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◦ Vision 攝像頭

- 校正
- 機台規格

Condor 150HF

- Ergonomics
- 四合一旋轉模組
 - 比較表:四合一功能旋轉模塊(RMU)與單
- 拉力模組
- 推力模組
- 高速衝擊模組
- 微電動夾爪
- 夾具
- 軟體
- 機台規格
- Condor EZ, 70, 100, 150, 250

測試方式

- Bending 三點下壓
- 包覆式錫金球推力
- 錫球夾拉力
- Connector Test
- Copper pillar 銅凸塊測試
- Creep test
- 晶片推力
- Fatigue 疲勞測試
- 錫金球推力
- 高速衝擊
- keypad
- Lead integrity / Micro torsion test
- Lid pull
- Lid torque
- Loop height test
- Overhanging die
- Passivation layer 金球推力
- Probe test
- 鋁帶撕裂力
- 鋁帶拉力
- 刮痕測試 / 鍍膜測試
- SMD Gull Wing Leads

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- SMD shear
- Spring rigidity
- 元件垂直拉力
- Total Ball Shear (TBS) / Zone shear
- 夾爪
- 非垂直性拉力
- Wedge推力
- 金鋁銅線拉力

各產業測試解決方案

- 航太軍工
- 汽車工業
- 混合元件與基板
- LED
- 醫療元件
- PCB組裝
- 電源功率元件
- 研發
- 半導體
- 太陽能

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- 日本
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活動

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- 研討會
- 需求
 - SMTconnect Germany 2019
 - Space Tech Conference USA 2019
 - ECTC Las Vegas 2019 (IEEE 69th)
 - IMS Boston 2019
 - IMAPS SIP USA 2019
 - CIOE China 2019
 - EMPC Italy 2019
 - Semicon Taiwan 2019
 - IMAPS USA 2019
 - Productronica Germany 2019

耗材網路商店

- Sigma wire hooks
- Sigma shear tools
- Sigma sleeves
- Classic wire hooks
- Classic shear tools
- Classic sleeves
- USB Tweezers tips
 - Checkout



reddot
winner

有關XYZTEC賽世鐵克

- our team
- simac group

最新消息

3月20日
1月29日
11月21日
11月15日

Visit us at Semicon China
XYZTEC at Semicon Korea
Presentation at CSPT 2018
Matelec show 2018 for the Electrical and

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9月20日

Electronics Industry with Antycip
Successful ESTC Conference in Dresden,
Germany

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