



全自动化

网站地图

首页

- 公司介绍
 - 我们的雇员
 - 专利权
 - Simac Techniek NV
 - Impressum
- Article: Is fully automatic bond testing possible?
 - P2: What is Required for Automation?
 - P3: What is Possible with Modern Automation?
 - P4: Automatic load and unload
 - P5: Machine Vision
 - P6: Measurement of gross sample position, bonds
 - P7: Automatic failure mode analysis
 - P8: Test debris management
 - P9: Non-Destruct Testing and Conclusion
 - 为何需要测试连结力
 - P2: Shear testing
 - P3: Solder bump testing, die pull applications
 - P4: Conclusion
- How to test bonds
 - How to: Cold Bump Pull
 - Cold Bump Pull objectives and jaw size
 - Cold Bump Pull jaw quality
 - Cold Bump Pull setting up and doing a test #1
 - Cold Bump Pull setting up and doing a test #2
 - Cold Bump Pull tweezers and test sequence recap
 - Cold Bump Pull test force, cleaning and jedec

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 1/10
Click [here](#) for the [web version](#).

Technology leader in bond testing worldwide



- 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
 - 连结网站
 - 半导体同业
 - 半导体工程
 - 制程控制
- 工作机会
 - 个案研究
 - Danfoss
 - LED WAFER全自动化测试
 - Heraeus rates XYZTEC as excellent supplier
 - case4
 - 研究伙伴
 - 联络我们
 - 搜索引擎

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 2/10
Click [here](#) for the [web version](#).

Technology leader in bond testing worldwide



- [网站地图](#)

最新消息

- News archive
 - Visit us at Semicon China
 - XYZTEC at Semicon Korea
 - Presentation at CSPT 2018
 - Matelec show 2018 for the Electrical and Electronics Industry with Antycip
 - Successful ESTC Conference in Dresden, Germany
 - LEGO® for Nepal sponsored by XYZTEC
 - Visit us at SMT Hybrid Packaging Nuremberg
 - Smart LED and Solar panels for XYZTEC head office
 - XYZTEC workshop at IMAPS UK
 - ODEOM shows Condor Sigma in Istanbul
 - Semicon China under way
 - Condor Sigma W12 at Semicon Korea
 - Condor Sigma stars in Audi Tech Day video
 - Raysun在中国区代理XYZTEC
 - Award for First Technology China
 - XYZTEC granted subsidy for further accuracy improvements
 - Presentation at CSPT 2017 by Bob Sykes
 - Condor Sigma in São Paulo, Brazil
 - 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
 - XYZTEC赛世铁克在上海新国际博览中心
 - 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
 - 手机萤幕上的驱动晶片测试
 - ISO-Dynamique and Axend represent XYZTEC in Malaysia, Singapore, Thailand, Indonesia and Vietnam
 - Wire detect functionality popular at Productronica
 - How to: Cold Bump Pull

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 3/10
Click [here](#) for the [web version](#).

Technology leader in bond testing worldwide



- 刮痕测试 / 镀膜测试
- Condor Sigma draws attention at Semicon Taiwan
- 令人振奋的销售和服务曼谷会议
- Bond Test Measurement Accuracy
- Condor Sigma software now available in Vietnamese
- Automatic wire detection draws attention at SMT 2015
- XYZTEC宣布与实密科技股份有限公司 (简称SST)正式合作
- More on loop height testing
- BaiTech to represent XYZTEC in Southern California, Tijuana Mexico
- Copper pillar testing
- 订阅XYZTEC 最新的技术摘要
- 最佳解决方案: 针对 300mm(12寸)晶圆测试
- 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
- 你可以浏览这些影片在 XYZTEC's youku channel
- Condor Sigma celebrated at Red Dot Gala
- Visit us at PCIM Asia in Shanghai
- 与公司一起成长的推拉力机
- 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

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 4/10
[Click here](#) for the [web version](#).

Technology leader in bond testing worldwide



- 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
-
- RSS feed
 - Twitter @bondtesters
 - Weibo 微博 XYZTEC赛世铁克
 - Youku 优酷 XYZTEC
 - Facebook @XYZTEC
 - LinkedIn
 - 最新的技术摘要
 - 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

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 5/10
Click [here](#) for the [web version](#).

Technology leader in bond testing worldwide



- 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
- 刮痕测试 / 镀膜测试
- 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
- 全自动化
- 人体工学设计
- 六合一旋转测量模块和单一测量模块
 - 传感器测量模块
- 夹具
 - 非接触式夹具残锡清除系统
- 夹具
- 软件 (体)

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 6/10
Click [here](#) for the [web version](#).

Technology leader in bond testing worldwide



◦ Vision 摄像头

- 校正
- 机台规格

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
- 软件
- 机台规格
- Condor EZ, 70, 100, 150, 250

测试方式

- Bending 三點下壓
- 包覆式锡金球推力
- 锡球夹拉力
- Connector Test
- Copper pillar 铜凸块测试
- Creep test
- 芯片推力
- Fatigue 疲勞測試
- 锡金球推力
- 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
- 铝带撕裂力
- 铝带拉力
- 刮痕测试 / 镀膜测试
- SMD Gull Wing Leads

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 7/10
Click [here](#) for the [web version](#).

Technology leader in bond testing worldwide



- SMD shear
- Spring rigidity
- 元件垂直拉力
- Total Ball Shear (TBS) / Zone shear
- 夹爪
- 非垂直性拉力
- Wedge推力
- 金铝铜线拉力

各产业测试解决方案

- 航太军工
- 汽车工业
- 混合元件与基板
- LED
- 医疗元件
- PCB组装
- 电源功率元件
- 研发
- 半导体
- 太阳能

业务及服务窗口

- 美国
- 欧洲,非洲
- 大中华区
- 日本
- 亚洲

下载

- 操作软件
- 外部支持软件
- 操作手册
- 破坏方式资料库
- 产品型录
- 文章&研究报告
- 新闻稿

活动

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 8/10
Click [here](#) for the [web version](#).

Technology leader in bond testing worldwide



- 研讨会
- 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

耗材网路商店

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



reddot
winner

有关XYZTEC赛世铁克

- [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

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map / route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- [Distributors](#)

Bond testers

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

This is page 9/10
Click [here](#) for the [web version](#).

Technology leader in bond testing worldwide



9月20日

Electronics Industry with Antycip
Successful ESTC Conference in Dresden,
Germany

[View all news](#)

Follow us

- [Facebook](#)
- [Twitter](#)
- [Google+](#)
- [LinkedIn](#)
- [Weibo](#)
-



耗材网路商店

XYZTEC BV

Chamber of Commerce: KvK Venlo 12040578

VAT/BTW: NL 8082.10.488.B.01

[Click here to contact us](#) and for a [route description](#).

View our [general terms and conditions](#).

This sitemap is also available in [XML](#), including language information and images ([click here for the simplified version without images](#)).

© 1999-2019 XYZTEC BV

XYZTEC Netherlands

J.F. Kennedylaan 14-B
5981 XC Panningen
Netherlands ([map](#) / [route](#))
Tel: +31-77-3060920
Fax: +31-77-3060919
sales@xyztec.com
support@xyztec.com

Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- [Distributors](#)

Bond testers

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

This is page 10/10
[Click here](#) for the [web version](#).

Technology leader in bond testing worldwide