

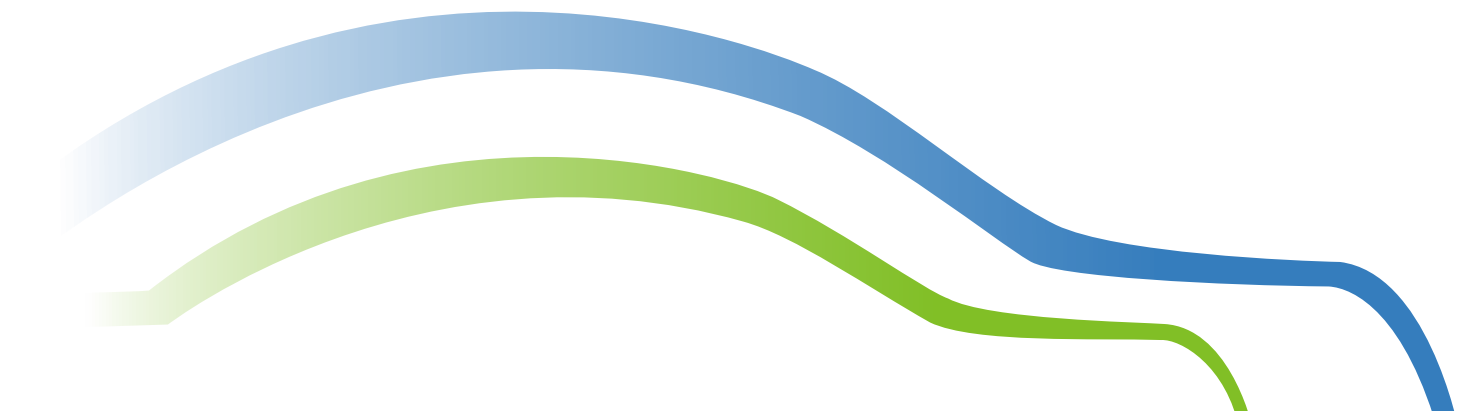


集团微信

集团官网：www.ntek.org.cn 客服热线：400 800 6106

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The final examination of all the information, the government legal documents and drawings shall prevail.



AUTOMOTIVE AND PARTS
PRODUCTS 汽车及零部件产品

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CROUP

CULTURE

集团文化



愿景 Vision

成为最受人信赖的检测验证机构 To be the most reliable testing and certification agency

使命 Mission

为客户提供最合适的解决方案，用行动与责任成就生活之美
To provide the most suitable solution for our clients, to achieve beauty of life with action and obligation

核心价值观 Core values

客户第一、团队合作、拥抱变化、激情、诚信、敬业
Client first, teamwork, embrace change, passion, integrity, professionalism

社会责任 Social responsibility

促进全球产业快速发展，从质量体系、健康与安全、环境和社会责任管理等方面，为客户创造经济价值、服务民生、优化环境，促进人与自然和谐发展，从而降低经营者风险，提高经营绩效。

Strengthening the quality system, health and safety, environmental and social responsibility management in the global industry's rapid development , creating economic value for customers, serving and optimizing the environment of the people's livelihood, promoting the harmonious development of man and natureat the same time, so as to reduce the risk of the operator, and to improve business performance.



华南
深圳实验室基地
South China
Shenzhen laboratory base



华南
东莞实验室基地
South China
Dongguan laboratory base



华南
福建实验室基地
South China
Fujian laboratory base



华东
昆山实验室基地
East China
Kunshan laboratory base

ABOUT NTEK 关于我们



北测集团汽车事业部成立于2013年初，核心团队具有十多年业内资历，依托于集团检测及认证的基础及支持飞跃发展，我们建立了以华东昆山，华南深圳为中心辐射全国的检测基地及服务网络，目前已有十多个分支机构及办事处，以专业的测试服务和丰富的行业经验成为国内外众多知名汽车品牌认可的第三方测试机构。

NTEK汽车事业部致力于推动汽车产品质量提升，积极参与行业相关标准起草、编制，及时掌握法规及技术动态，从环保性能测试、物理性能测试，到零部件的可靠性测试，为客户提供包括汽车整车、汽车零部件和汽车材料检测等全方面解决方案。

NTEK Group automobile division was established in early 2013, the core team has more than ten years in the industry qualifications, depends on basis of Group testing and certification and support the development of leap, we established in kunshan in east China, south China shenzhen as the center radiation detection base and service network across the country, there are more than 10 branches and offices, with professional testing service and rich experience in the industry to become the domestic and foreign many well-known automobile brand recognition of the third party test organization.

NTEK car division is committed to promoting automobile product quality improvement, actively participate in related standards drafting, compiling, dynamic, timely grasp the laws and regulations and technology from the environmental performance testing, physical testing, to the reliability test of the parts and provide guest with including automotive, auto parts and automotive materials testing and all aspects of the solution.

我们为客户提供一站式解决方案 We provide a one-stop solution for our customers

设计 Design

为客户提供国内为标准法规资讯，制定企业标准，进行产学研合作。
To provide domestic and domestic standards and regulations, formulate corporate standards, and conduct business research and research cooperation.

制造 Manufacturing

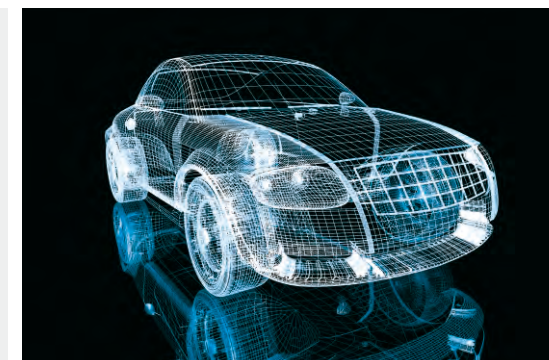
为客户提供材料及部品检测验证、不合格品诊断，以提升产品质量保障。
Provide customers with materials and quality inspection and non-conforming products to improve product quality assurance.

采购 Procurement

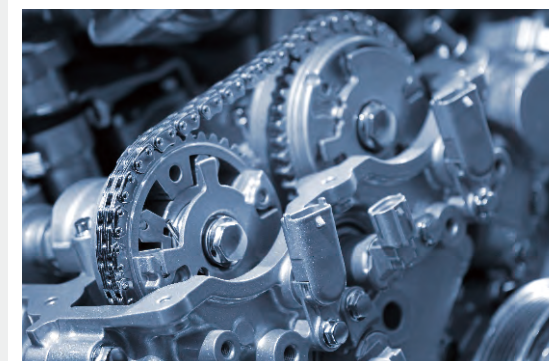
对供应商进行材料一致性检验、不合格品诊断，以促进供应链能力提升。
The supplier is tested for the consistency of the material and the non-conforming product diagnosis to improve the capacity of the supply chain.

销售 Sales

为客户审核售后市场产品包装、运输、销售等环节，确保符合客户管理规范。
To review and review after-sales market product packaging, transportation and sales, to ensure compliance with customer management specifications.



设计 Design



制造 Manufacturing



采购 Procurement



销售 Sales

QUALIFICATION & AUTHORIZATION

资质荣誉与授权



中国强制产品认证（民营首批）
China Compulsory Certification for safety product lines (The 1st private group)



CQC委托检测实验室
中国质量认证中心（电池民营第一家）
China Quality Certification Center CQC entrusted testing lab (First Civilian-Run Enterprise For Battery)



进出口商品检验鉴定机构
International High-Tech Enterprise



CNAS认可
中国合格评定国家认可委员会认可
By the China National Accreditation (CNAS) approval



CMA计量认证资质
Owns Qualification Certificate Of Meteorology Attestation



美国实验室认可协会
授权实验室
accredited LABORATORY insurers authorized laboratory



国际电工委员会（IECEE）
认可实验室
CB Testing Laboratory



香港机电工程署认可授权实验室
Shenzhen Polymer Industry Association



美国消费品安全委员会（CPSC）
Consumer Product Safety Commission (CPSC)



新型材料与电子产品综合公共
测试平台
Public Testing Platform Of New Materials And Electronics



绿色制造检测公共技术服务平台
Public Testing Platform Of New Materials And Electronics



韩国机械电气电子试验研究院
Shenzhen Quality Examination Management Promotion Council Members



全国电子产品与系统的环境
标准化技术委员会会员
The National Electronic Product And System Environment Standardization Technical Committee Members



全国汽车标准化委员会组员
China Auto Standardization Committee Members



北京侵权伪劣物品检验鉴定
技术创新联盟
Beijing Technical Innovation Alliance for inspection and identification of inferior and inferior commodities



国家级高新技术企业
International High-Tech Enterprise



先进测试技术开发平台
北京大学深圳系统芯片设计重点实验室
Key Laboratory of Peking University Advanced testing technology development platform Shenzhen Processor-based SoC Platforms



深圳市电池行业协会
Shenzhen Battery Industry Association



OUR CUSTOMERS

我们的客户

 <p>广汽集团 GAG GROUP</p>	 <p>广汽本田 HONDA</p>	 <p>广汽丰田 TOYOTA</p>	 <p>东风汽车</p>	 <p>东风日产 NISSAN</p>	 <p>东风雪铁龙 CITROËN</p>
 <p>北汽集团 BAIC GROUP</p>	 <p>北京现代</p>	 <p>比亚迪汽车 BYD</p>	 <p>海马汽车 Haima</p>	 <p>长安标致雪铁龙 CAPSA</p>	
 <p>大众汽车 Volkswagen</p>	 <p>长安汽车</p>	 <p>上汽通用五菱 SGMW</p>	 <p>纳智捷 LUXGEN</p>	 <p>南京汽车</p>	 <p>江铃汽车 JMC</p>

SERVICE NETWORK

服务网络



深圳(总部/实验室)
Shenzhen (Headquarters/Laboratory)

分支机构 (实验室)
Branch (Laboratory)

北京 Beijing	宁波 Ningbo
天津 Tianjin	青岛 Qingdao
上海 Shanghai	四川 Sichuan
昆山 Kunshan	厦门 Xiamen
苏州 Suzhou	顺德 Shunde

分支机构 Branch

香港 Hong Kong	温州 Wenzhou
广州 Guangzhou	台州 Taizhou
珠海 Zhuhai	无锡 Wuxi
惠州 Huizhou	常州 Changzhou
东莞 Dongguan	杭州 Hangzhou
中山 Zhongshan	南京 Nanjing
江门 Jiangmen	扬州 Yangzhou
长沙 Changsha	合肥 Hefei
重庆 Chongqing	武汉 Wuhan
广西 Guangxi	南昌 Nanchang
郑州 Zhengzhou	大连 Dalian
西安 Xian	长春 Changchun



THE CHEMISTRY LAB

化学实验室

随着科技进步及环保意识的不断提升，消费者对汽车环保性能要求越来越高，尤其关注车内空气质量，对汽车行业产生重大影响。各地区及国家都有相关法规标准制定或颁布。

NTEK积极参与禁限用及挥发性有害物质研究，积累了丰富的测试及管理经验，可为客户提供专业的检测技术及咨询服务。

With the improving of the scientific and technological progress and environmental protection consciousness, consumers for auto environmental performance demand is higher and higher, especially focus on in-car air quality, the automobile industry have a significant impact. All regions and countries have standards formulated or promulgated by relevant regulations.

NTEK has been actively involved in the research of disabling and volatile substances, and has accumulated rich experience in testing and management, which can provide professional testing technology and consulting services for customers.



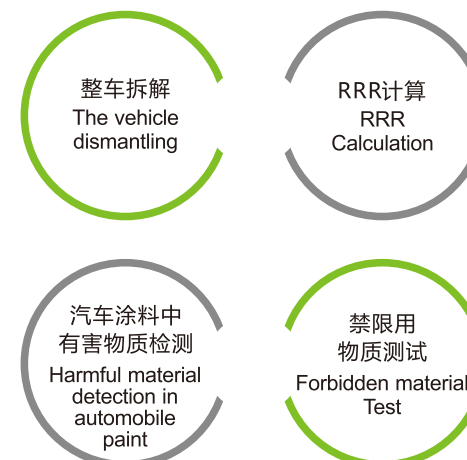
服务项目 Service project

整车/零部件/材料挥发性测试：Vehicle/component/material volatility testing:



材料有害物质测试：

Materials hazardous materials testing:



MATERIAL LABORATORY

物理实验室

NTEK 物理实验室可进行车用金属、塑料、橡胶、纺织品及皮革类的各种材料进行标准符合性测试

The NTEK material laboratory can conduct standard compliance tests with various materials for metal, plastic, rubber, textile and leather.

非金属材料服务项目

Non-metallic materials service projects

- **机械力学性能测试**
Mechanical mechanical performance testing
密度/比重、冲击强度、拉伸/弯曲/压缩性能、硬度
Density/gravity, impact strength, tensile/bending/compression performance, hardness
- **热学性能测试**
Thermal performance testing
熔融/熔点、热变形温度、灰分、维卡软化
Melt/melting point, heat deformation temperature, ash, vica softening
- **耐磨/耐刮性能**
Wear-resisting/scraping performance
耐磨损/磨损测试、五指刮擦、耐划伤
Wear/wear test, five finger scratches and scratches
- **绝缘电性能测试**
Insulation electrical performance testing
表面电阻、体积电阻、介电常数
Surface resistance, volume resistance, dielectric constant
- **耐化学试剂测试**
Chemical resistance testing
耐酸碱、耐汗液、耐油品
Acid alkali, sweat and oil
- **燃烧性能测试**
Combustion performance test
垂直燃烧、水平燃烧
Vertical combustion, horizontal combustion



金属材料服务项目

Metal materials service projects

- 化学成分分析
Chemical composition analysis
- 显微分析
Microscopic analysis
- 镀层分析
The plating analysis
- 尺寸测量
Size measurement
- 无损检测
Nondestructive testing
- 力学机械性能
Mechanical mechanical properties
- 金相分析
Metallographic analysis
- 断口分析
Fracture analysis
- 腐蚀测试
Corrosion test
- 焊接检验
Welding inspection



涂层和镀层服务项目

Coating and coating services

- 涂层/镀层分析
Coating/coating analysis
- 漆膜弹性
Paint film elasticity
- 色差
The color difference
- 耐磨损
Resistant to wear and tear
- 漆膜硬度
Paint film hardness
- 漆膜抗砂冲击
Paint film to resist sand impact
- 光泽度
gloss
- 附着力
adhesion
- 耐划伤性
The scratch resistance

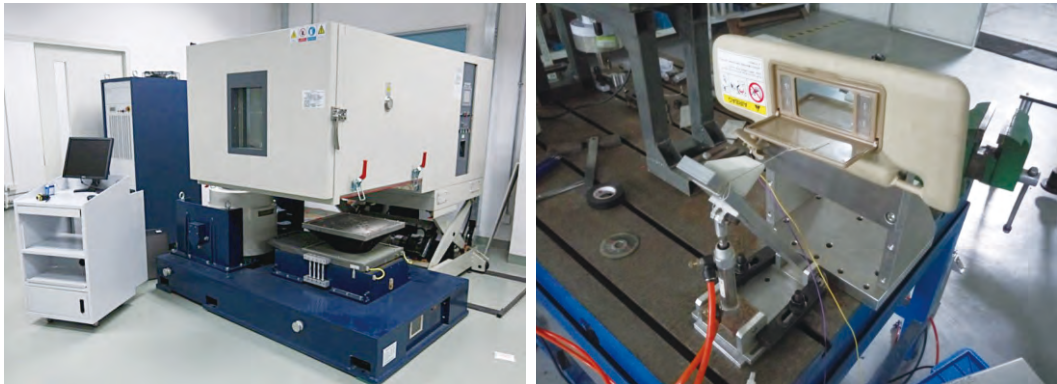


RELIABILITY LAB

可靠性实验室

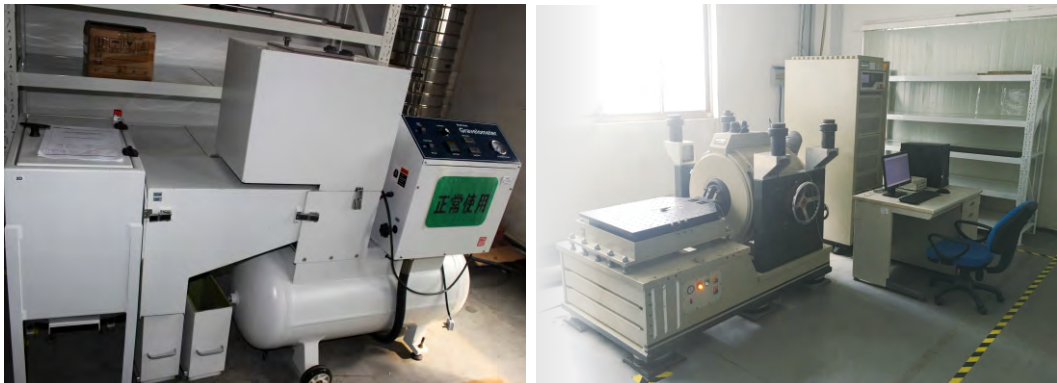
NTEK可靠性实验室可进行内外饰件、电子电器件等材料及零部件进行标准符合性测试。

NTEK reliability laboratory can conduct standard conformance tests for materials and parts such as accessories, electrical appliances, etc.



机械可靠性实验室 Mechanical reliability laboratory

- 三综合测试
Three comprehensive test
- 落锤冲击
Drop hammer impact
- 高压水冲洗
High pressure water washing
- 碎石冲击
Debris impact
- 振动测试
Vibration test
- 弯曲疲劳
Bending Fatigue
- 磨擦耐久
Friction Durability
- 按键寿命
Button Lifetime
- 跌落
Drop



环境可靠性实验室 Environmental reliability laboratory



- 耐光照老化
Light aging resistance
- 高低温老化
High and low temperature aging
- 温度冲击
Temperature shock
- 疲劳耐久
Fatigue and durable
- 耐盐雾腐蚀
Resistance to salt fog corrosion
- 温湿度循环
Temperature and humidity cycle
- 防尘防水
Dustproof and waterproof

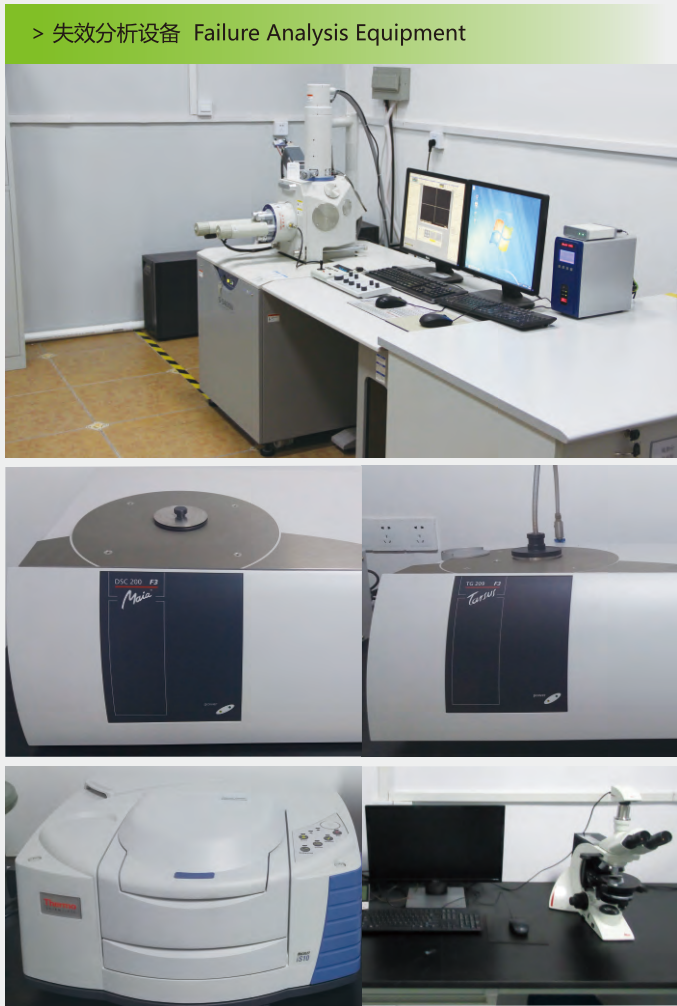


FAILURE ANALYSIS LAB

失效分析实验室

NTEK失效分析实验室拥经验丰富的分析人员和先进的设备，对汽车材料及产品的失效机理和实效模式有着深入的理解，并且与国内多家知名高校和汽车生产企业建立良好的合作关系，与各领域的失效分析专家保持频繁交流，来跟踪并更新各种产品的失效分析知识与技能。为您的产品失效找出原因，并提供预防再失效的解决方案。

NTEK failure analysis laboratory have experienced personnel and advanced equipment, material and product failure mechanism and the effect on car model has a thorough understanding of, and with the domestic many famous universities and auto production enterprises to establish good relations of cooperation, keep frequent communication with each failure analysis in the field of expert, to track and update the product failure analysis (fa) for all kinds of knowledge and skills. Identify the reasons for your product failure and provide a solution to prevent refailure.



NTEK尤其擅长
非金属材料的失效分析

NTEK is particularly good
at failure analysis of
non-metallic materials

成功的案例有：
The successful cases are:

- 材料变色
Material change color
- 材料粉化
Material pulverization
- 油漆脱落
Paint falls off
- 应力开裂
Stress cracking
- 脱胶
Degumming
- 产品变形
The product deformation
- 橡胶老化等的分析
Analysis of rubber aging

AUTOMOBILE ELECTRONIC EMC LAB

汽车电子EMC实验室

NTEK汽车电子EMC实验室可进行汽车电子和电动汽车充电装置检测和认证，拥有专业的汽车电子检测设备，资深的技术人才，同时专门配置了适用于电动汽车用电子产品的直流高压系统。测试能力覆盖国际标准、国家标准、行业标准和汽车企业标准。

NTEK automotive electronic EMC laboratory for automotive electronic and electric vehicle charging device testing and certification, professional automotive electronic testing equipment, senior technical personnel, at the same time special configuration is suitable for electric vehicles use electronic products of dc high voltage system. The test capability covers international standards, national standards, industry standards and auto enterprise standards.

1、电波暗室 Anechoic Chamber

电磁发射(EMI)测试 Electromagnetic Interference

EMI (Electromagnetic Interference)	
传导测试 (Conduction Test)	9 kHz - 150 MHz
辐射测试 (Radiation Test)	9 kHz - 3 GHz
辐射发射测试 (Radiation Emission)	20 MHz - 300 MHz



辐射抗扰度(EMS)测试 Electromagnetic Susceptibility

EMS (Electromagnetic Susceptibility)	
雷达波测试场强 Radar wave test field strength	Max. 600 V/m
抗扰测试频率范围 Immunity test frequency range	10kHz - 4GHz
辐射场强 Radiation field strength	Max. 200 V/m

2、BCI屏蔽室 Bulk Current Injection Shielded Chamber

可采用开环法和闭环法进行大电流注入测试，开环法测试电流可达600mA；闭环法测试电流可达400mA。

Both open-loop and close-loop methods can be performed in Bulk Current Injection test in NTEK, and the maximum currents are up to 600mA and 400mA respectively



> 大电流注入测试 BCI Test

3、CE屏蔽室 Conducted Emission Shielded Chamber

汽车电子CE屏蔽室可采用电压法和电流法进行传导发射测试，测试频段覆盖：150kHz~108MHz。

Both voltage and current methods can be performed in Conducted Emission test, and the range of test frequency is from 150kHz to 108MHz.



> 传导发射测试 Conducted Emission Test

4、瞬态传导抗扰度测试系统 Transient Conduction Susceptibility Testing System

汽车电子瞬态传导抗扰度测试系统不仅可以满足各个车厂的标准和要求，还能根据客户需要定制所需要的波形脉冲进行测试。实验室还配置了一个ESPEC温箱，可以让汽车电子产品在-40℃-150℃的环境温度条件下进行瞬态传导抗扰度测试。

Transient Conduction Susceptibility Testing System fulfills the standards of automobile manufacturers, at the same time it is practical for it to generate special waveforms according to customer's requirements. The lab is also equipped with a ESPEC chamber that allows automotive electronics to do transient conduction immunity tests at ambient temperatures of -40 °C -150 °C.



> 瞬态传导抗扰度测试
Transient Conduction Susceptibility Test

5、静电放电测试系统 Electrostatic Discharge Test System

汽车电子实验室所配置的静电放电测试系统技术参数是：静电放电电压±30kV区间自由可调；四个静电放电网络分别为(discharge network)：330pF/330 Ω、150pF/2000Ω、330pF/2000 Ω、150pF/330 Ω。专门配置了高压枪头，可在15kV以上静电放电测试的时候，减少漏电，确保实际释放的静电放电电压。

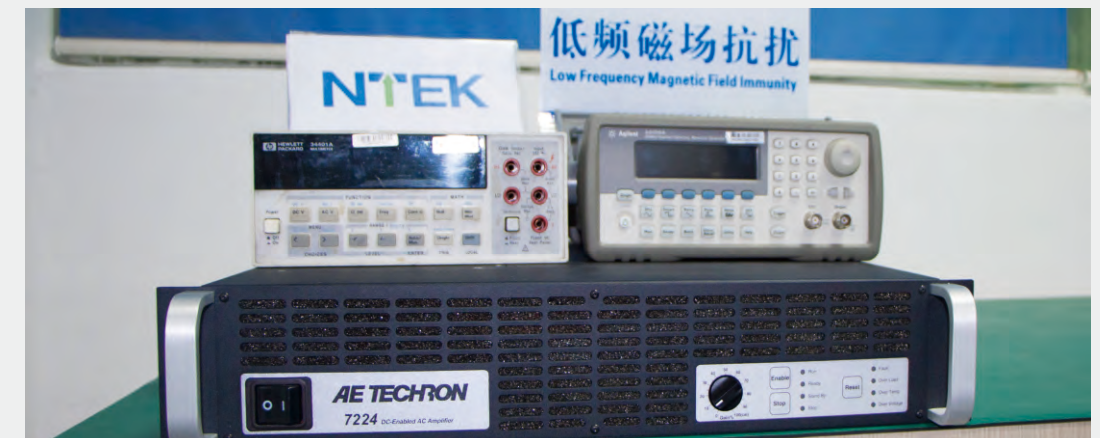
The technical parameters of Electrostatic Discharge Test System are listed as below: voltage is adjustable in the range from -30kV to 30kV; Four electrostatic discharge networks: 330pF/330 Ω, 150pF/2000 Ω, 330pF/2000 Ω, and 150pF/330 Ω. Professional high voltage hat is equipped for Electrostatic Discharge Test with voltage no less than 15kV, to guarantee the electrostatic discharge voltage through reducing electrical discharge.



> 静电放电测试 Electrostatic Discharge Test

6、低频磁场抗扰测试系统 Low Frequency Magnetic Field Immunity Testing System

汽车电子实验室所配置的低频磁场抗扰测试系统测试频段为0DC~500KHz，测试强度可满足ISO11452-8 Level 4 The frequency range covered by Low Frequency Magnetic Field Immunity Testing System is from 0 to 500KHz and the test strength meets the requirement of ISO11452-8 Level 4.



> 低频磁场抗扰测试 Low Frequency Magnetic Field Immunity Test

THE ELECTRIC CAR CHARGING PILE LAB

电动汽车充电桩实验室

NTEK建有专业的电动汽车充电装置检测实验室依据最新国家标准、国际标准、能源标准和企业标准（如国网、南网和普天），为电动汽车充电装置企业（包括充电站业主、运营商和制造商）提供独立第三方检测业务。

NTEK has a professional electric vehicle charging device testing laboratory according to the latest national standards, international standards, energy standards and enterprise standards (e.g., priorities, south net and putian), for the electric vehicle charging device enterprise (including charging station owners, operators and manufacturers) to provide independent third party testing business.

服务产品

电动汽车充电站、非车载充电桩、交流充电桩、车载充电机，以及电动汽车控制器等

Electric Vehicle Chargers testing lab provides many testing items including electric vehicle charge-station, electrical vehicle off-board charging pile, AC charging spot, on-board charger, electric vehicle controller and so on.

实验室配置了专业的设备，可实现充电站/桩现场验收、检测及计量。

The laboratory configures the professional equipment, can realize the charging station/pile field acceptance, detection and measurement.

实验室检测能力包括：
Laboratory testing capabilities include:

- 电气性能测试
Electrical performance test
- 电气安全测试
Electrical safety test
- 环境实验测试
Environmental test
- 通信协议测试
Communication protocol test
- 互操作与通信一致性测试
Interoperability and communication consistency testing
- 电磁兼容性测试
Electromagnetic compatibility test



TECHNICAL CONSULTING SERVICE

技术咨询服务

资讯服务

Information service

- 标准及法规资讯
Information standards and regulations
- 专题交流
Project communication
- 技术简报
Technical briefing

标准制定

Standard setting

- 协助企业参与/制定国内外产品标准
Assist enterprises to participate in/set product standards at home and abroad

技术合作

The technical cooperation

- 产品合规评价
Product compliance evaluation
- 工艺优化
Process optimization
- 产品失效诊断
Product failure diagnosis
- 材料数据库
The material database

二方审核

The second party audit

- OEM厂商评价
OEM evaluation
- 关键供应商评价
Key supplier evaluation
- 并键工艺控制
And key process control

实验室建设

The laboratory construction

- 实验室场地规划
The laboratory site planning
- 设备评估
Equipment evaluation
- 人员培训
Personnel training
- 能力验证
Ability to verify

体系认证

System certification

- ISO9001
- ISO14001
- OHSAS18001
- TS16949
- ISO17025
- QC080000

