优尔鸿信
URHONGXIN

Ur Hongxin Testing Technology(Shenzhen)Co., Ltd.

- Impartial
- Professional
- Accurate
- High-tech

Contents

About URHX

Abstract

Ur Hongxin Testing Technology (Shenzhen) co., Ltd. (Foxconn China Measurement Center) is a professional integrated laboratory with worldwide presences and strong R&D capabilities.

It provides fast, consistent, and accurate testing and measurement services for high-tech products design, development, and manufacturing. A nationwide network system: laboratories have been established in Shenzhen, Dongguan,Kunshan, Wuhan, Zhengzhou, Yantai, Chengdu, Chongqing, Nanning and offices have been set up in major cities across the country; Provide customers with cross regional and high-quality testing technical services and product solutions.

Its goal is to assist the growth of Foxconn enterprise group into a highly competitive global technology company in the world.

About URHX

Ur Hongxin Testing Technology (Shenzhen) co., Ltd. (Foxconn China Measurement Center) is a professional integrated laboratory with worldwide presences and strong R&D capabilities.

It provides fast, consistent, and accurate testing andmeasurement services for high-tech products design,development, and manufacturing. A nationwide network system:laboratories have been established in Shenzhen, Dongguan,Kunshan,Wuhan, Zhengzhou, Yantai, Chengdu, Chongqing, Nanning and offices have been set up in major cities across the country; Provide customers with cross regional and high-quality testing technical services and product solutions.

Its goal is to assist the growth of Foxconn enterprise group into a highly competitive global technology company in the world.

Quality Certificate

Obtained CMA certificate in June 2018,Certificate NO. 201819123247.

Accredited by CNAS (China National Accreditation Service for Conformity Assessment) via the ISO/IEC 17025:2005 (The General requirements for the competence of testing and calibration laboratories) since Feb 2003.

Since 2002,Ur Hongxin continue to participate in the capability validation organized by the CNAS ,IIS, ASTM and other international and domestic authorities. Obtained CNAS PTP certificate in 2016, Certificate NO. PT0053. Fully ensure our technology to reach the international advanced level.

We have won recognition of many international customers ,Our professional technical ability, detection ability, the results of accuracy, fairness and confidentiality have won praise of the customers !

中国认可
国际互认
检测
TESTING
CNAS L0273

201819123247

中国合格评定国家认可委员会
实验室认可证书
（注册号：CNAS L0273）

兹证明：

优尔鸿信检测技术（深圳）有限公司
（法人：优尔鸿信检测技术（深圳）有限公司）
广东省深圳市龙华区油松第十工业区
东环二路二号（106 信箱），518109

符合 ISO/IEC 17025：2017《检测和校准实验室能力的通用要求》（CNAS-CL01《检测和校准实验室能力认可准则》）的要求，具备承担本证书附件所列服务能力，予以认可。

获认可的能力范围见标有相同认可注册号的证书附件，证书附件是本证书组成部分。

生效日期：2023-04-15
截止日期：2029-04-14

中国合格评定国家认可委员会授权人 张朝华

中国合格评定国家认可委员会（CNAS）经国家认证认可监督管理委员会（CNCA）授权，负责实施合格评定国家认可制度。CNAS是国际实验室认可合作组织（ILAC）和亚太认可合作组织（APAC）的互认协议成员。
本证书的有效性可登陆www.cnas.org.cn获认可的机构名录查询。

中国合格评定国家认可委员会
能力验证提供者认可证书
（注册号：CNAS PT0053）

兹证明：

优尔鸿信检测技术（深圳）有限公司
（法人：优尔鸿信检测技术（深圳）有限公司）
深圳市龙华区龙华街道油松第十工业区
东环二路二号，518109

符合 ISO/IEC 17043：2010《能力验证提供者能力的要求》（CNAS-CL03《能力验证提供者认可准则》）的要求，具备承担本证书附件所列能力验证计划服务的能力，予以认可。

获认可的能力范围见标有相同认可注册号的证书附件，证书附件是本证书组成部分。

生效日期：2022-10-20
截止日期：2028-10-19

中国合格评定国家认可委员会授权人

中国合格评定国家认可委员会（CNAS）经国家认证认可监督管理委员会（CNCA）授权，负责实施合格评定国家认可制度。CNAS是国际实验室认可合作组织（ILAC）和亚太认可合作组织（APAC）的互认协议成员。
本证书的有效性可登陆www.cnas.org.cn获认可的机构名录查询。

检验检测机构
资质认定证书

证书编号：201819123247

名称：优尔鸿信检测技术（深圳）有限公司

地址：深圳市龙华区龙华街道油松第十工业区东环二路二号富士康科技园E11栋

经审查，你机构已具备国家有关法律、行政法规规定的基本条件和能力，现予批准，可以向社会出具具有证明作用的数据和结果，特发此证。资质认定包括检验检测机构计量认证。

检验检测能力（含食品）及授权签字人见证书附表

你机构对外出具检验检测报告或证书的法律责任由优尔鸿信检测技术（深圳）有限公司承担。

许可使用标志
201819123247

发证日期：2024 年 05 月 22 日
有效期至：2030 年 05 月 21 日
发证机关：

注：需要延续证书有效期的，应当在证书届满有效期3个月前提出申请，不再另行通知。

本证书由国家认证认可监督管理委员会监制，在中华人民共和国境内有效。

延续

Our Tenet

Customer satisfaction is our mission

Our Advantages

Professional technical team

Years of experience of testing and failure analysis in manufacturing industry

Advanced equipment

Comprehensive test solution

Advanced testing equipmesnt and materials technology development capability

Master the core technology and have patents
Service around the country

Customer first

Our Service

Environmental, Mechanical, Packaging Material Reliability Testing

The first laboratory in China to be Accredited by Dell for Vibration, Shock, Drop, and Packaging Material testing

Environment Test Laboratory

- High/Cold Storage Test
- Temp. and Humidity Cyclic Test
- Temperature Shock Test
- ESS Test
- Perspiration Resistance Test
- Salt Spray Test
- Dust Test
- Accelerated Weathering Test
- Xenon Exposure Test
- Altitude Test
- Temp. and Humidity Storage Test
- Thermal Profile Test
- Infrared Thermal Imaging
- HAST Test

■ Vibration and Shock Test Laboratory

- Vibration Test
- Shock Test
- Drop Test
- Drop-G Test
- Measure and Analysis of Vibration
- Pallet Package Drop Test
- Pallet Package Vibration Test
- Floor Vibration Measure

Package Test Laboratory

- Container Compression Test
- Container Stacking Test
- Bursting Strength Test
- Pallet Test
- 90。/180。 Peel Adhesion Test
- Corner (Edge) Protector Test

Our Service

Mobile Product Test

Cosmetic Test
  - .Chemical Resistance Test
  - .Linear Abrasion Test
  - .Adhesion Test
  - .Pencil Hardness Test

Torque Test

Force Test

Ball Drop Test

Static Pressure Test

Twist Test

Life Test
  - .Keypad/Flip Lifecycle
  - .Connector Lifecycle
    - .Insert & Withdraw Test

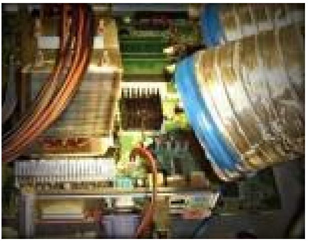
Drop Test
  - .Free Fall Drop
  - .Random Drop
  - .Repetitive Drop

Highly Accelerated Life Test

Highly Accelerated Life Test
  - .AC/DC Voltage Test
  - .Temperature Margin Test
  - . Rapid Thermal Transition Test
  - .Tri-Axial Random Vibration Test
  - . Combined Test

Highly Accelerated Stress Screen

Highly Accelerated Stress Audit



Our Service

Acoustic Measurement & Analysis

- Sound Power Level Test
- Sound Pressure Level Test
- Sound Quality Evaluation
- System Vibration Test
- Electro-acoustic Test

PCBA & PCB & Component Failure Analysis

- SEM+EDS (Scanning Electron Microscope)
  - IMC Inspection
  - Element Analysis
  - Tin Whisker Inspection
- C-SAM (C-Type Scanning Acoustic Microscope)

  3D OM Inspection

  Cross Section

  Dye & Pry

  IC Decapping

  Wetting Balance

  Bonding Test
  - Shear Test
  - Pull Test
- Solder Paste Properties Test
  - Viscosity Test
  - Solder Tack Test
  - Open Life
  - Flux Content
- Surface Insulation Resistance Test (SIR)

IMC Inspection

C-SAM Analysis

SIR Test

X-RAY Test

Our Service

Hazardous Substances Test

- RoHS(Cd/Pb/Hg/Cr(VI)/PBBs/PBDEs)
- Metal Elements Quantification
- Migration Element in Toy
- Halogen(F/Cl/Br)
- Phthalates(DBP/BBP/DEHP/DIBP/DIDP/DINP /DnOP/ DMEP/Dnepr)
- TBBPA
- PAHs
- HBCDD
- SCCP/MCCP
- Cyclosiloxane(D3~D10)
- DMF
- Nickel Release
- PFOS/PFOA
- AZOs

Microbiological Test

Mold growth Test for Electric and Electronic Products

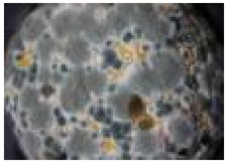
Evaluation for Plastic Mouldproof Effects

Evaluation for Paints Film Mouldproof Effects

Evaluation for Nonmetallis Gasket Materials Mouldproof Effects

Mold Species

- Aspergillus Niger
- Aspergillus Terreus
- Hormoconis Resinae
- Penicillium Funiculosum
- Trihoderma Longibrachiatum
- Cladosporium Herbarum
- Aureobacidium Pullulans
- Aspergillus Flavus
- Chaetomium Globosum
- Paecilomyces Varioti
- Scopulariopsis Brevicaulis
- Penicillium Citrinum
- Alternaria Alternaria
- Aureobasidium Pullulans



Our Service

Metal Material Test

Microstructure

Surface Observation
- Grain Size
- Uniformity Analysis of Carbides
- Inclusion Analysis
- Carburized Depth
- Metallographic Structure

Coating Film Thickness

Chemical Composition

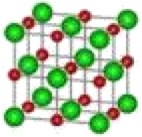
Fracture Analysis

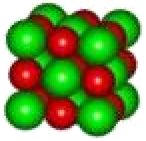
Hardness

Material/Surface/Core Vickers Hardness
- Rockwell Hardness

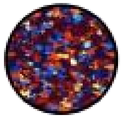
Mechanical Properties

- Tensile/Yield Strength, Elongation
- Bend Testing
- Spring Force/Spring Rate
- Pulling/Pushing/Shearing Force Torsion





Metallographic Structure (Brass)



Al5052 (Polarzing)

Uniformity Analysis of Carbides

Fracture Morphology

Polymer Material Analysis

Mechanical Properties

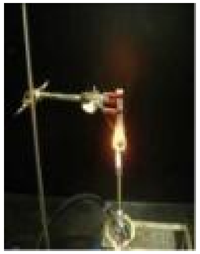
- Tensile Testing
- Flexural Testing
- Hardness Testing
- Impact Testing

Physical Properties

- Specific Gravity
- Ash Content
- Melt Flow Index
- Color Difference

Others

- Thermal Analysis
- Flammability Properties
- Optical Properties



Our Service

Test Items of Lithium Battery Materials

- Moisture
- Specific Surface Area
- PH Value（positive and negative electrode materials ,electrolyte)
- Tap Density
- Particle Size Analysis
- IC Gram Capacity
- Discharge Capacity
- Chlorinated Paraffin / CP
- Impurity
- Conductivity
- Density
- Acidity
- Tensile
- Puncture
- Air Permeability
- Porosity
- Areal Density

Failure Analysis

Metal Materials and Parts

- Fracture ,Cosmetic Defect, Corrosion, Wear, Crack, Distortion

Polymer Materials and Plastic Parts

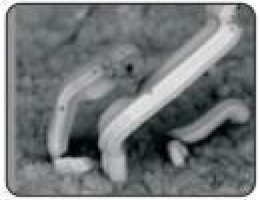
- Injection Black Spots, Plastic Fracture, Cracking, Mixed Color, In Blister, Layered, Coating Falling off, Corrosion

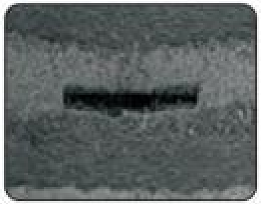
PCB/PCBA

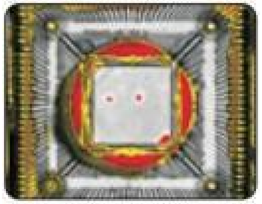
- Poor Soldering, Components Defect, Electrochemical Corrosion, PCB Defect

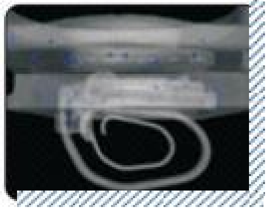
Abnormal Composition

- Heterochromatic and Odor Analysis, Nozzle Material Analysis, Organic Residue,Analysis of Industrial Pharmaceutical Composition







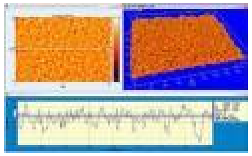


Our Service

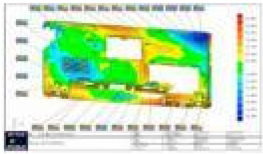
Precision Measurement

- Dimensional Measure
- Computer Aided Verification (CAV)/Reverse Engineering
- Gear Test
- Geometric Tolerance Analysis
- Surface Roughness Test
- 3D MicroStructure Analysis

3D Optic Interferometer



3D Surface Roughness

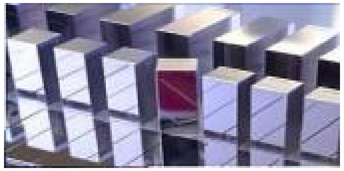


3D Color Plots for Deviation Analysis

Precision Model Verification

Equipment Calibration

- Length Calibration
- Electrical Calibration
- Mass Calibration
- Force Calibration
- Temperature Calibration
- Physics&Chemistry Calibration
- Maintainess



Our Service

EMC Test

Accredited by NVLAP and VCCI

- Radiated Emission
  (3m Chamber)
- Radiated Emission
  (10m Chamber)
- Conducted Emission
- Harmonic Test
- Flicker Test

- ESD Test
- Radiated Susceptibility
- EFT Test
- Surge Test
- Conducted Susceptibility
- PFMF Test
- Dip Test
- Ring Wave Test

版权所有：优尔鸿信检测技术（深圳）有限公司©2025

RS Test Setup(743 Chamber)

10m Chamber

National Institute of Standards and Technology

NVLAP

Certificate of Accreditation to ISO/IEC 17025:2005

Foxconn EMC Measurement Center (Longhua)
Longhua, Shenzhen
China

Electromagnetic Compatibility & Telecommunications

NVLAP

Our Service

Passive & Electromechanical Component Test

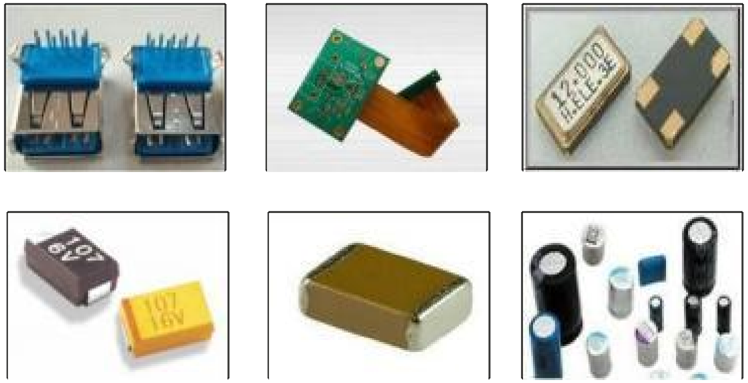
PCB
- R-PCB
- F-PCB

Connector
- Inner Connector
- I/O Connector

Protection Device
- Thermistor
- Fuse
- ESD Protection Device

Res./Cap./Ind.
- Resistor
- Capacitor
- Inductor
- Bead/filter
- Transformer
- RF Component

Fre. Component
- Crystal
- Oscillator



Main Service Item

- Raw Material Analysis
- Mechanical & Physical Analysis
- Electrical & Functional Test
- Life Test
- Environmental & Reliability Test
- Failure Analysis
- Integrated Validation

Our Service

Module Test and SI

Signal Integrity Measurement

- DDR/PCI/Clock/ …
- DVI/HDMI/DP/…
- USB/SATA/PCIE/…
- Power Integrity

Power Unit

- SPS
- Adapter/Charger
- Battery/Power Bank

Storage Module

- HDD, Optical Disc
- Memory DIMM

Image, Acoustics Module

- LCD Module
- Touch Panel
- Camera Module
- Speaker, Microphone

Cable, Fan

- Power Cord
- Data Cable
- Fan

Communication

- Wi-Fi, Bluetooth
- TV Tunnel

Service Items

- Functionality and Electrical
- Performance Test
- Compatibility Test
- Mechanical Test
- Reliability Test
- Optical Performance Test
- RF Performance Test
- Safety/EMC Test
- Signal Integrity Measurement
- Module FA

Our Service

Active Types

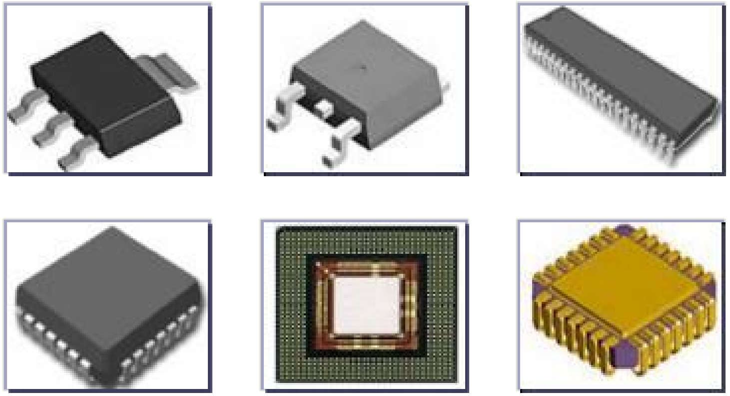
ASIC/ASSP
- CPU/MCU/ Audio/Clock/LAN/I/O

Linear IC
- Standard Linear ICs
- Power Controller/ Sensors

Digital Logic IC
- Standard Logic ICs/PLD

Memory
- EEPROM/NOR/NAND Flash /SRAM/ DRAM

Discrete
- MOSFET/Transistor/ Diode/LED



Major Services

- Function Test
- Electrical Characteristic Parameter Test
- ESD Rating Test
- MSL Rating Test
- Package Quality Test
- Reliability Test
- Failure Analysis
- Component Quality Verification

Our Service

Test of Automobile Materials and Parts

Material Test

- .Mechanical Properties
- .Chemical Composition
- .Physical Properties
- .Thermal Properties
- .Structure Analysis
- .Size Measurement
- .Plastic Combustion Performance And Electrical Performance Test
- .Material Composition Analysis Test

Coating Performance Test of Interior and Exterior Trim Parts

- .Gravel Impact
- .Paint Film Thickness
- .Gloss
- .Water Resistance
- .Paint Film Hardness
- .Cross-cut Test
- .Bending
- .Abrasion Resistance
- .Color Difference
- .Salt Spray
- .Solar Radiation
- .Flexibility

Wire Harness /Connector Test

- .Environmental Stress
- .Mechanical Stress
- .Mechanical Service Life
- .Chemical Stress
- .Electrical Strength

Cleanliness Test

Our Service

Environment Test

Drinking Water Safety Test

.Heavy Elements
.Disinfection By-products
.Organics
.Microbiological Index

Industrial Waste Water Test

.Heavy Elements
.pH
.COD
.Turbidity

Indoor/Workplace Air Test

.Benzene Series and Formaldehyde

.Other Gaseous Pollution

Gaseous Pollution Emission Test

.Sulfur Dioxide and Nitric Oxide

.Non-methane Total Hydrocarbon

.PM10 and PM2.5

.Other VOCs

Our Service

Proficiency Testing(PTP)

中国认可
能力验证
PROFICIENCY TESTING
CNAS PT0053

Electrical and Electronic Products

.High Temperature (IEC 60068-2-2, GB/T 2423.2)
.Vibration (IEC 60068-2-6, GB/T 2423.10)
.Shock (IEC 60068-2-27, GB/T 2423.5)
.Low Temperature (IEC 60068-2-1, GB/T 2423.1)

Measurement

. Length of Common Parts (ASME Y14.5, GB/T 3177)
.Surface Roughness of Multi Scribed Template (GB/T 10610)
.True Roundness of Common Parts (ASME Y14.5, GB/T 1958)

Plastic Test

.Decabromodiphenyl Ether (IEC62321-6)
.Cr(VI) (EC 62321-7-2)
.Cl, Br(BS EN14582)
.Pb, Cd , Hg(IEC 62321-5)
.Density (GB/T 1033.1, ISO 1183-1, ASTM D 792)
.Tensile Strength (GB/T 1040.1, GB/T 1040.2, ISO 527.1, ISO 527.2, ASTM D 638)

China National Accreditation Service for Conformity Assessment

中国合格评定国家认可委员会

能力验证提供者认可证书

（注册号：CNAS PT0053）

兹证明：

优尔鸿信检测技术（深圳）有限公司

（法人：优尔鸿信检测技术（深圳）有限公司）

深圳市龙华区龙华街道油松第十工业区

东环二路二号，518109

符合 ISO/IEC 17043：2010《能力验证提供者能力的要求》（CNAS-CL03《能力验证提供者认可准则》）的要求，具备承担本证书附件所列能力验证计划服务的能力，予以认可。

获认可的能力范围见标有相同认可注册号的证书附件，证书附件是本证书组成部分。

生效日期：2022-10-20
截止日期：2028-10-19

中国合格评定国家认可委员会授权人

中国合格评定国家认可委员会（CNAS）经国家认证认可监督管理委员会（CNCA）授权，负责实施合格评定国家认可制度。
CNAS是国际实验室认可合作组织（ILAC）和亚太认可合作组织（APAC）的互认协议成员。
本证书的有效性可登陆www.cnas.org.cn获认可的机构名录查询。

★ Branch分支机构
● Headquarter总部

Service Network

全球热线：

400-845-2188

Dial our corporate 400 hotline to get direct access to testing service outlets across major Chinese cities. We maintain coordinated collaboration with our overseas laboratories in Vietnam, enabling unified coordination and rapid response for all domestic and international testing requests.

深圳总部
Tel: 0755-29846730/13266749144
E-Mail: li.wang@foxconn.com
ADD: 深圳市龙华镇油松第十工业区
东环二路二号富士康华南检测
中心E11栋

昆山检测中心
Tel: 0512-83666888-76633/18676742563
E-Mail: qianghua.yang@foxconn.com
ADD: 江苏省昆山市南淞路299号富
士康科技园内

重庆检测中心
Tel: 023-61702888/16675391445
E-Mail: tao.t.zou@foxconn.com
ADD: 重庆市沙坪坝区西永微电园东区
1路1号富士康科技园内

郑州检测中心
Tel: 027- 81933888-22403/17688161454
E-Mail: jin-wei.cao@foxconn.com
ADD: 河南省郑州市航空港区长安路东侧
综合保税区富士康科技园内

东莞松山湖检测中心
Tel: 0755-28129588-28394
E-Mail: li.wang@foxconn.com
ADD: 广东省东莞市寮步镇松湖华科孵化
园三栋105富士康科技园内

烟台检测中心
Tel: 0535-2168888-38512/18664568527
E-Mail: cmc-yt-li.qy@foxconn.com
ADD: 山东省烟台经济技术开发区
出口加工区富士康科技园内

武汉检测中心
Tel: 027- 81933888-22403/17688161454
E-Mail: jin-wei.cao@foxconn.com
ADD: 武汉市东湖高新区光谷二路特1号富士
康科技园内

成都检测中心
Tel: 028-68522005/16675391445
E-Mail: tao.t.zou@foxconn.com
ADD: 四川省成都市高新区西部园区
合作路888号富士康科技园内

天津检测中心
Tel: 0512-83666888-76633/18676742563
E-Mail:qianghua.yang@foxconn.com
ADD: 天津市经济技术开发区海云街80号
富士康C01栋富士康科技园内

南宁检测中心
Tel: 0755-28129588-28394
E-Mail: li.wang@foxconn.com
ADD: 广西南宁市江南区沙井镇同乐大道
51号富士康科技园内

优尔鸿信
URHONGXIN

全球热线

400-845-2188

公司基本信息

01

优尔鸿信检测技术(深圳)有限公司，英文名称为Ur Hongxin Testing Technology (Shenzhen) Co., Ltd.。

优尔鸿信检测技术(深圳)有限公司

服务网站

02

电子检测网站：https://www.urhxee.com
材料检测网站：https://www.urhxcmc.com
化学分析网站：https://www.urhxchem.com
汽车材料零部件测试网站：https://www.urhxauto.com
PTP 能力验证站点：https://www.urhxcmc.com/resources/index.html

自媒体 @优尔鸿信

公众号@优尔鸿信
抖音号@优尔鸿信
视频号@优尔鸿信

研发总部位置

其研发总部位于深圳龙华区东环二路二号富士康科技集团华南检测中心E11栋。