



消费电子行业应用

The Application for Consumer Electronics Industry

CONTACT US

中国公司

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About Us

关于我们



上腾科技，隶属于阿普顿集团。

研发生产目前立足于广州，并在广州、上海、杭州、天津设4个营销服务公司。随着科技的快速发展，电子产品已经成为我们生活中不可或缺的一部分，气密性测试对于消费电子行业是不可缺失的一环，是电子产品质量的重要指标之一。上腾科技推出了多款适合消费电子行业特点的测漏仪，在智能穿戴及三防产品的各类产品应用上已经相当成熟，目前主要应用产品有：智能手机、智能手表、手环、平板电脑、蓝牙耳机、麦克风、运动音响、运动相机、水下摄像机、水下遥控器、户外摄像头、电子烟、电子游戏设备等。

2020年2月公司通过了ISO9001质量管理体系认证。2020年获得科技部授权的“中国仪器仪表学会科学技术奖”。2020年认证通过“中国合格评定国家认可委员会(CNAS)校准实验室”。

Upton Technology is Affiliated to UPTON Group.

The research and development production is currently based in Guangzhou, with four marketing service companies established in Guangzhou, Shanghai, Hangzhou, and Tianjin. With the rapid development of technology, electronic products have become an indispensable part of our lives. Air tightness testing is an indispensable part of the consumer electronics industry and an important indicator of the quality of electronic products.

UPTON Technology has launched a variety of leak detectors suitable for the characteristics of the consumer electronics industry, which are already quite mature in various product applications of smart wearables and three proof products. Currently, the main application products include smartphones, smartwatches, wristbands, tablets, Bluetooth headphones, microphones, sports speakers, sports cameras, underwater cameras, underwater remote controls, outdoor cameras, electronic cigarettes, electronic gaming devices, etc.

The company passed the ISO9001 Quality Management System Certification in Feb. 2020. Won the "Science and Technology Award of China Instrument and Control Society" authorized by the Ministry of Science and Technology in 2020. and passed the certification of "Calibration Laboratory of China National Accreditation Service for Conformity Assessment (CNAS)" in 2020.



消费电子行业泄漏测试仪 Leak Tester for Consumer Electronics Industry

T90四通道泄漏测试仪 T90 Four-channel Air Leak Tester



- 》测试压力覆盖-100kPa到900kPa;
 - 》都可配置电控比例阀，实现先导压快速充气功能;
 - 》配合分压模组可实现密封品测试;
 - 》可同时测试4各产品，每通道可选择99组测试程序;
 - 》10.1"彩色触屏，更优质的人机交互界面;
 - 》可存储和查看接近20000组测试数据;
 - 》各通道均支持四点五段报警，区分中泄漏和微小泄漏;
- 》 Testing pressure: -100kPa to 900kPa;
 - 》 Electronic control proportional valve can be configured below 900kPa for fast filling with pilot pressure;
 - 》 Seals can be test with the partial pressure module;
 - 》 Providing up to 4 individual tests synchronously, with 99 test programs available for each channel;
 - 》 10.1" color touchscreen, better human-computer interaction interface;
 - 》 Storage for nearly 20,000 sets of test results;
 - 》 Each channel supports 4.5-level alarm to distinguish medium leakage and small leakage;



K80直压/差压通用泄漏测试仪 K80 General Version of Direct/Differential Pressure Air Leak Tester

- 》压力范围-100kPa, 100kPa, 700kPa可选
 - 》双RS232接口支持数据上传、参数下刷功能;
 - 》I/O可实现仪器内部编程，方便接线;
- 》 Pressure range: -100kPa, 100kPa, 700kPa(optional);
 - 》 Double RS232 communication ports for 2-way communication;
 - 》 I/O can realize instrument internal programming and convenient wiring;



CD300密封品专用泄漏测试仪 CD300 Air Leak Tester for Seals

- 》压力范围覆盖-100kPa到900kPa;
 - 》定容积后分压模式，检出严重泄漏产品;
 - 》分压基准罐大小可选，并可选择外置接口预留;
 - 》特定的阀门与气路设计，保证测试稳定性;
- 》 Pressure range: -100kPa to 900kPa;
 - 》 Partial pressure mode after fixed volume to test large leak products;
 - 》 The size of the partial pressure master chamber is optional, and the external interface can be reserved;
 - 》 Design of specific valve and pneumatic circuit to ensure test stability;



UT811SF 流量型泄漏测试仪 UT811SF Flow Type Air Leak Tester

- 》压力范围2.5kPa~50kPa, 流量范围25sccm, 1000sccm, 10000sccm 可选;
- 》 Pressure range: 2.5kPa~50kPa, flow range: 25sccm, 1000sccm, 10000sccm optional;

智能穿戴设备的泄漏测试解决方案 Leak Test Solutions For Intelligent Wearable Device

- IP67防水等级测试
- 密封品的防水性能测试
- 超小内部容积密封品的防水性能测试
- 半透膜/呼吸孔的测试
- 镜头，喇叭，耳机，麦克等的测试
- 接插件的测试
- 全套防水解决方案的提供



智能手机 Smartphone

智能手机整机防水测试(IP67); 镜头、接口和按钮部件的防水测试。The waterproof test for assembly of smart phones (IP67); waterproof test of the components of lens, interfaces and buttons and so on.

智能手表 Smartwatch

智能手表的整机防水测试(IP67); 镜头、接口和按钮等部件的防水测试。The waterproof test for assembly of smart watches (IP67); waterproof test of the components of lens, interfaces and buttons and so on.



平板电脑 Tablet

平板电脑的整机防水测试(IP67); 镜头、接口和按钮等部件的防水测试。The waterproof test for assembly of smart tablets (IP67); waterproof test of the components of lens, interfaces and buttons and so on.



智能手环 Smartband

智能手环的整机防水测试(IP67); 显示器、接口和按钮等部件的防水测试。The waterproof test for assembly of smartbands (IP67); waterproof test for the components of display, interfaces and buttons and so on.



其它智能产品 Others

其它的智能电子产品的密封性能测试(IP67)。Sealing performance testing of other intelligent electronic products (IP67).

Application Cases 应用案例



手机整机气密性测试
Airtightness test of the entire mobile phone



电脑麦克风气密性测试
Airtightness test of computer microphone



手机壳密封性测试
Airtightness test of mobile phone casing



平板电脑喇叭气密性测试
Airtightness test of tablet speaker



智能手表双工位气密性测试
Airtightness test of dual Station for Smart Watch



蓝牙耳机气密性测试
Airtightness test of bluetooth earphone

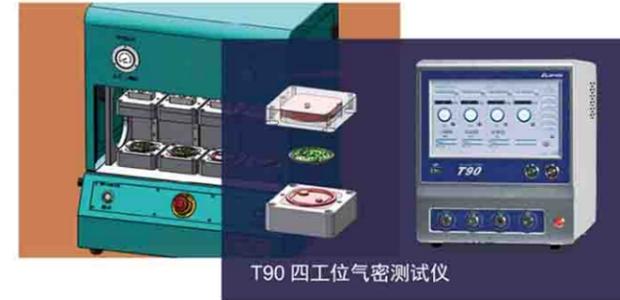


手表底壳气密性测试
Airtightness test of watch bottom shell



电子烟气密性测试
Airtightness test of electronic smoke

摄像类产品应用案例 Camera Application Cases



T90 四工位气密测试仪

摄像头四工位气密性测试 Air Tightness Testing of Four Station for Camera

测试压力: 22kPa; Test pressure: 22kPa;
泄漏标准: 8Pa/s; Standard: 8Pa/s;

车载摄像头气密测试 Air Tightness Testing of Car Camera

测试压力: 60kPa; Test pressure: 60kPa;
泄漏标准: 1sccm; Standard: 1sccm;
节拍: 30秒/件; Beat : 30 seconds per piece;



D80 差压式气密测试仪



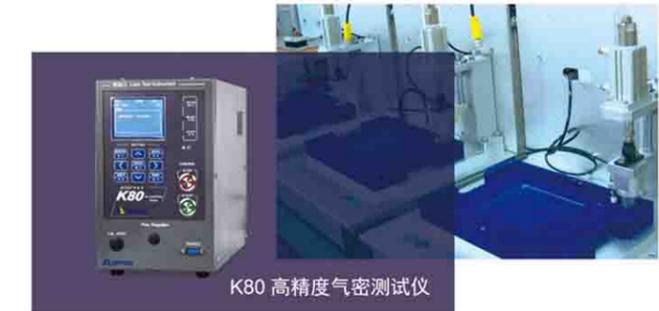
CD300 密封品专用气密测试仪

运动相机四工位气密测试 Air Tightness Testing for Four Stations of Sports Camera

测试压力: 低压 10kPa; Test pressure: low pressure 10kPa,
高压 120kPa; high pressure 120kPa;
测试标准: 低压 3Pa/s; Standard: low pressure 3Pa/s,
高压: 8Pa/s; High pressure 8Pa/s;

平板电脑后摄像头气密测试 Air Tightness Testing of Tablet Computer Rear Camera

测试压力: 20kPa; Test pressure: 20kPa;
测试标准: 5Pa/s; Standard: 5Pa/s;



K80 高精度气密测试仪



T80 直压式气密测试仪

户外摄像机气密测试 Air Tightness Testing of Outdoor Camera

测试压力: 30kPa; Test pressure: 30kPa;
测试标准: 5Pa/s; Standard: 5Pa/s;