



# ICT2 | 软旗科技



专注于实验室装备第三方检测



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ICCT2 支持实验室装备第三方检测 SHANGHAI RUANQI S&T CO.,LTD.



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为实验室安全检测  
提供一站式解决方案

ICT2 FOCUSES ON LABORATORY EQUIPMENT TEST AND VENTILATION PERFORMANCE TEST SERVICES, AND IS COMMITTED TO BUILDING A THIRD-PARTY LABORATORY THAT PROVIDES ONE-STOP SOLUTIONS FOR LABORATORY SAFETY TEST.



一切为了安全！  
EVERYTHING FOR SAFETY!

ABOUT US

## 关于我们

上海软旗科技有限公司（简称ICT2）成立于2012年，位于上海市松江区，是一家具有独立法人资格、独立实验室、承担第三方公正检测的专业检测公司。公司拥有先进的检测设备，严格贯彻和执行CNAS & CMA及质量体系的要求，实验室配备了符合要求的专业设备及辅助设施，致力于打造一家为实验室安全检测提供一站式解决方案的第三方实验室。

ICT2-软旗科技专注于实验室装备测试和通风性能检测服务工作，是国内为数不多的从事实验室通风和排风柜性能检测的第三方检测公司。通过为实验室提供高质量的测试服务，使实验室变得更安全。

我们的团队包括许多来自欧洲和美国的国际性顾问、支持学科领域的专家。我们正在持续改革，使自身适应于不断变化的市场。我们肩负着指导用户如何安全地使用排风柜的责任，我们的使命是让实验室变得更安全。

Shanghai Ruanqi Science&Technology Co., Ltd. (Abbreviated as ICT2) was established in 2012 and is located in Songjiang District, Shanghai. It is a professional test company with independent legal personality, independent laboratory, and undertakes third-party fair test. The company has advanced test equipment, strictly implements and implements the requirements of CNAS&CMA and quality system, and the laboratory is equipped with professional equipment and auxiliary facilities that meet the requirements. We are committed to create a third-party laboratory that provides a one-stop solution for laboratory safety test.

ICT2 focuses on laboratory equipment test and ventilation performance test services, and is one of the few third-party test companies in China engaged in laboratory ventilation and fume hood performance test. By providing high-quality test services for laboratories, we aim to make them safer.

Our team includes many international consultants from Europe and the United States, supporting experts in the subject area. We are continuously reforming to adapt ourselves to the constantly changing market. We bear the responsibility of guiding users on how to safely use fume hoods, and our mission is to make the laboratory safer.

## 公司资质 COMPANY QUALIFICATIONS

ICT2-软旗科技是具有独立法人资质的第三方专业检验检测服务公司。公司拥有较为完善的资质体系及先发优势，已通过《检验检测机构资质认定证书》(CMA)、国家检测实验室CNAS能力认可认证、ASHRAE 110 / EN 14175 测试实验室兼容认证、SEFA会员认证，并获得多个软件著作权。

我公司主要检测实验室的相关装备，主要开展的检测工作包括出厂检测、安装调试、现场检测等。



ICT2 is a third-party professional inspection and testing service company with independent legal personality. Our company has a relatively complete qualification system and first-mover advantages. We have passed the "Certificate of Qualification for Inspection and Test Institutions" (CMA), the National Test Laboratory CNAS Capability Accreditation Certification, ASHRAE 110 / EN 14175 Test Laboratory Compatibility Certification, SEFA Membership Certification, and have obtained multiple software copyrights. Our company mainly tests the relevant equipment of the laboratory, and the main test work carried out includes AM (As Manufactured) /Type test, AI (As Installed) test, AU (A Used) /On-Site test, etc.



# ICT2 软旗科技 Laboratory

### 实验室资质和认证

#### LAB QUALIFICATION & CERTIFICATION

- ◎ **CNAS** : 中国合格评定国家认可实验室  
 China National Accreditation Service for Conformity Assessment accredited laboratory
- ◎ **CMA** : 省级检验检测机构  
 China Inspection Body and Laboratory Mandatory Approval
- ◎ **SEFA** : 美国科学仪器设备实验室家具协会  
 Scientific Equipment & Furniture Association
- ◎ **SLEA** : 上海实验室装备协会  
 Shanghai Laboratory Equipment Association
- ◎ **ASHRAE 110标准测试实验室认证**  
 ASHRAE 110 Fume Hood Test Lab Certified
- ◎ **EN 14175标准测试实验室认证**  
 EN 14175 Fume Hood Test Lab Certified

## 企业文化 COMPANY CULTURE

### 使命 MISSION

**守护科研环境安全，共创美好实验室！**

PROTECT THE SAFETY OF THE SCIENTIFIC RESEARCH ENVIRONMENT AND CREATE A SAFER LABORATORY TOGETHER!

### 愿景 VISION

**成为中国实验室装备第三方检测领先者！**

BECOME A LEADER IN THIRD-PARTY TESTING OF LABORATORY EQUIPMENT IN CHINA!

### 价值观 VALUES

- ◆ **以客户为中心：**我们致力于为客户提供最佳体验。  
CUSTOMER CENTRIC: We are committed to providing customers with the best experience.
- ◆ **创新：**我们一直在寻找新的技术和方法来提高我们的测试服务。  
INNOVATION: We are always looking for new technologies and methods to enhance our test services.
- ◆ **团队合作：**我们相信，与分开相比，我们可以共同取得更大的成就。  
TEAMWORK: We believe that compared to working alone, we can achieve more together.
- ◆ **诚信：**我们在与客户、合作伙伴和员工的交往中诚实守信。  
INTEGRITY: We are honest and trustworthy in our dealings with customers, partners, and employees.

### 服务宗旨 SERVICE PURPOSE

- ◆ **科学管理：**按CNAS&CMA要求执行管理  
SCIENTIFIC MANAGEMENT: Implement management according to CNAS & CMA requirements.
- ◆ **方法规范：**依据标准要求进行检测  
METHOD SPECIFICATION: Conduct test according to standard requirements.
- ◆ **行为公正：**检测行为客观真实，不受任何干预因素影响  
BEHAVIORAL JUSTICE: The detection and testing is objective and true, not affected by any intervening factors.
- ◆ **服务至诚：**树立服务意识和客户至上意识  
SINCERE SERVICE: Establishing a Service Consciousness putting the Customer First.
- ◆ **工作高效：**打造专业团队提供优质的工作效率  
WORK EFFICIENCY: Building a professional team to provide high-quality work efficiency.



## 服务范围 SERVICE SCOPE

排风柜是实验室污染物最重要的控制设备之一，在实验室空气质量的控制起着重要的作用。排风柜制造商必须通过成功的污染物控制测试来证明其产品的有效性。评估排风柜性能是实验室污染物控制重要的环节。

ICT2-软旗科技提供更为全面的检测方案和服务，让您了解排风柜的整体性能，为用户提供更高的产品完整性以满足用户需求，也能为提高产品性能提供更具成本效益的生产能力；同样能让您了解实验室存在的潜在风险，为实验人员提供更好的工作环境。

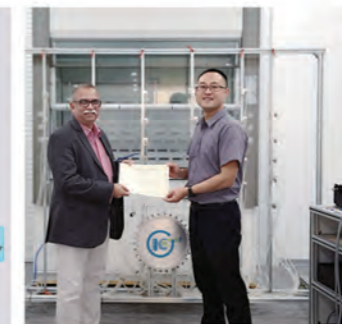
The Fume Hood is one of the most important exposure control equipment in laboratory, and plays an important role in the control of laboratory air quality. Fume hood manufacturers must demonstrate the effectiveness of their products through successful pollutant control test. Evaluating the performance of fume hoods is an important aspect of laboratory pollutant control.

ICT2 provides more comprehensive test programs and services to let you understand the overall performance of Fume hood, provide users with higher product integrity to meet user needs, and also provide more cost-effective production capacity to improve product performance; It can also help you understand the potential risks in the laboratory and provide a better work environment for laboratory personnel.

ICT2-软旗科技提供实验室排风柜的全面评估，测试和认证。所有实验室排风柜测试均按照标准SOP执行以符合OSHA, ANSI/AIAH, SEFA, NEBB, ASHRAE等规定的法规和标准。

ICT2 provides comprehensive evaluation, testing and certification of Laboratory Fume Hood. All laboratory Fume hood tests are carried out in accordance with standard SOP to comply with regulations and standards specified by OSHA, ANSI/AIAH, SEFA, NEBB, ASHRAE, etc.

类别 CATEGORY	服务范围 SERVICE SCOPE	标准依据 STANDARD BASIS
检验检测服务 INSPECTION AND TEST SERVICES	<b>排风柜性能测试</b> FUME HOOD PERFORMANCE TEST 包含：排风柜、无管道排风柜 INCL.: FUME HOOD, DUCTLESS FUME HOOD	ASHRAE 110 (AM/AI/AU)、EN 14175-2、EN 14175-3、EN 14175-4、EN 14175-6、EN 14175-7、JB/T 6412、JG/T 222、JG/T 385、T/SLEA 0011
	<b>VAV阀门性能测试</b> VAV VALVE PERFORMANCE TEST	ASHRAE 110 (AM/AI/AU)、EN 14175-6、JG/T 222
	<b>实验室台柜性能测试</b> LABORATORY CABINETS PERFORMANCE TEST	SEFA 8M、SEFA 8P、T/SLEA 0021
	<b>实验室台面性能测试</b> LABORATORY WORK SURFACES PERFORMANCE TEST	SEFA 3、T/SLEA 0021
	<b>排风罩性能测试</b> EXHAUST HOOD PERFORMANCE TEST	AQ/T 4274
	<b>管道压力/风速/风量/泄漏，送排风风速/风量，房间气流组织，二次夹带污染等</b> PRESSURE/VELOCITY/FLOW RATE/LEAKAGE, MAKEUP/EXHAUST VELOCITY/FLOW RATE, ROOM AIR FLOW ORGANIZATION, RE-ENTRAINMENT ECT.	ASHRAE 41.2、ASHRAE 111、EN 1507、EN 12237、GB 50243、ANSI/ASSP Z9.5



专业的人员培训  
PROFESSIONAL PERSONNEL TRAIN

完善的测试设施  
COMPREHENSIVE TEST FACILITIES



先进的检测设备  
ADVANCED TEST EQUIPMENT



规范的人员管理  
STANDARDIZE MAN-MANAGEMENT



合规的检测实验室  
COMPLIANT TEST LABORATORY



## 服务范围 SERVICE SCOPE

实验室技术不断发展，从食品和饮料行业的机器人包装系统到制药研究实验室中启用人工智能的分析工具，每个行业都面临着需要不断去审核其设备并决定要何时该如何安装更新更专业解决方案的压力。

随着这些实验室变得越来越复杂，它们的基础安全设施也必须发展。在许多较旧的实验室中，设备虽然足够保护员工的安全，但已经无法跟上现代安全准则。新实验室的所有者还面临一个挑战：在设计工作区时，他们需要确定当今哪种合成物暴露控制装置更能满足业务目标，同时又能确保员工的安全。

无论您实验室的目标是什么，ICT2-软旗科技认为实验室安全是一个复杂的问题，需要进行密切的专业评估。我们将针对您的情况来帮您评估更新、更合适的实验室暴露控制技术。

With the continuous development of laboratory technology, from robot packag systems in the food and beverage industry to the use of artificial intelligence analysis tools in pharmaceutical research laboratories, each industry is facing pressure to constantly review its equipment and decide when and how to install more professional solutions.

As these laboratories become increasingly complex, their basic security facilities must also be developed. In many older laboratories, although equipment is sufficient to protect employees' safety, it is no longer able to keep up with modern safety standards. The owners of the new laboratory also face a challenge: when designing the workspace, they need to determine which synthetic exposure control device today best meets business goals while ensuring employee safety.

Regardless of the goals of your laboratory, ICT2 believes that laboratory safety is a complex issue that requires close professional evaluation. We will assist you in evaluating updated and more suitable laboratory exposure control techniques based on your situation.



我们与Creative Solutions 和Chip Albright 合作，Chip是一位世界知名的顾问，专门设计排风柜以及实验室通风系统和其他类型的污染物控制设备。我们可以帮助您解决产品的功能或性能问题，或帮助您设计更专业的产品。

We collaborate with Creative Solutions and Chip Albright, a world-renowned consultant who specializes in design fume hoods, laboratory ventilation systems, and other types of pollutant control equipment. We can help you solve product functionality or performance issues, or help you design more professional products.

类别 CATEGORY	服务范围 SERVICE SCOPE	说明 DESCRIPTION
咨询辅导服务 CONSULTATION AND TUTORING SERVICES	<b>排风柜设计及制造、通风系统优化和改进技术咨询</b> Technical consultation on design and manufacturing of Fume Hood, optimization and improvement of ventilation systems	协同Creative Solutions 和 Chip Albright 专业团队提供排风柜设计/制造，通风系统优化和改进技术咨询 Collaborate with Creative Solutions and Chip Albright professional teams to provide technical consulting on Fume Hood design / manufacture, ventilation system optimization, and improvement.
	<b>标准实验室租赁</b> Standard laboratory lease	标准实验室租赁包含测试所需的所有硬件和软件 Standard laboratory lease includes all hardware and software required for test.
	<b>排风柜测试人员培训和认证服务</b> Train and certification services for fume hood test personnel	影响实验室排风柜性能的因素，通风系统动力学原理，实验室污染物控制设备（排风柜，排气罩等）运行基本原理和设计，世界主流排风柜性能测试标准解析，排风柜性能测试软件概述，排风柜性能现场测试实践 Factors affect the performance of the laboratory Fume hood, the dynamic principle of the ventilation system, the basic principle and design of the operation of the laboratory pollutant control equipment (Fume hood, exhaust hood, etc.), the analysis of the world's mainstream Fume hood performance test standards, the overview of Fume hood performance test software, and the field test practice of Fume hood performance.
	<b>排风柜使用人员培训和认证服务</b> Train and certification services for fume hood users	影响实验室安全的因素，排风柜应用概述及安全使用，正确使用和维护局部排风设备，实验室环境测试概述，如何选择污染物控制设备，世界各地实践案例分享 Factors affect laboratory safety, overview of Fume hood application and safe use, correct use and maintenance of local ventilation equipment, overview of laboratory environmental test, how to select pollutant control equipment, and share of practice cases around the world

# 服务案例 SERVICE CASES





# 服务案例 SERVICE CASES



# 服务案例 SERVICE CASES

