

美容仪检测事业中心

—使用安全

—功效验证



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美容仪器检测认证

*Beauty equipment testing and certification*

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CTNT<sup>TM</sup>

深圳市中为检验技术有限公司

## 关于我们 About us

深圳市中为检验技术有限公司由从事检测认证行业十余年的多位认证专家，对检测技术具有多年开发经验的技术专家、以及具有高学历背景的创新人才团队组成。拥有国家资质认定的第三方检测机构、中国认可国际互认检测实验室、中国能效标签备案实验室，所在地发改局备案的“量子光电磁检验检测技术公共服务平台”、检测行业创新技术研究基地等多项资质荣誉。是一家对于检测技术有绝对实力、对于市场准入和检测认证具有较深入研究和剖析的专业、权威第三方检测机构。

中为检验技术以“科学、创新、严谨、高效”为生存和发展的质量方针。在运行和管理过程中严格按照 ISO 17025 (GB/T 27025) 检测及校准实验室能力通用要求、GB/T 27425 科研实验室良好规范进行实验室规范运作，力求检测结果精准、认证过程高效、客户服务满意。

中为检验技术现建激光实验室、电气性能实验室、光学性能实验室、可靠性实验室、材料实验室、能效实验室共六大实验科室。特别对于光学和美容仪器有创新性和领先于行业的检测技术研究。能为社会提供激光、电子电器、蓝光防护、机械设备、家用电器、照明电器、信息通讯、人工智能、医疗美容等众多产品的质量分析、检测认证、市场准入咨询等多方位专业技术服务。

中为检验技术将为客户提高产品质量和减小合规风险作为第一社会责任，在检测认证过程中秉持公正科学的原则，为客户为社会提供专业优质的检验检测技术服务。同时为质量传递信任、为推动科学技术进步做出有力的贡献。

### 权威资质授权

- 中国认可、国际互认实验室（证书号 L15898）
- 资质认定第三方检测机构（证书号 202119015918）
- 中国能效标签备案实验室（证书号 2021-032260）
- 公共技术服务平台（深龙岗发改〔2021〕0184号）

### 五大事业中心

- 激光检测事业中心
- 美容仪检测事业中心
- 机械检测事业中心
- 家电电器检测事业中心
- 综合检测认证事业中心

CTNT is composed of multiple certification experts who have been engaged in the testing and certification industry for more than ten years, technical experts with years of development experience in testing technology, and a team of innovative talents with a high degree of education. Third-party testing institutions with national qualifications, China accredited international mutual recognition testing laboratories, China energy efficiency label filing laboratories, "quantum photoelectromagnetic inspection technology public service platform" filed by the local Development and Reform Bureau, and innovative technology research bases for the testing industry. And many other qualifications and honors. It is a professional and authoritative third-party testing organization with absolute strength in testing technology and in-depth research and analysis on market access and testing certification.

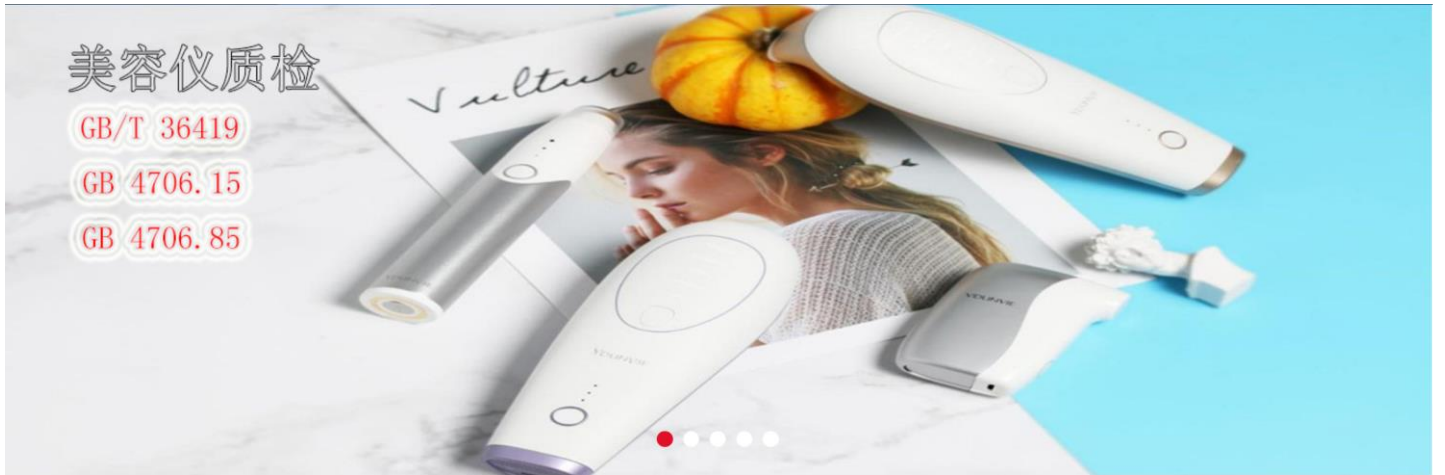
CTNT adheres to the quality policy of "science, innovation, rigor, and efficiency" for survival and development. In the process of operation and management, strictly follow the ISO 17025 (GB/T 27025) general requirements for testing and calibration laboratory capabilities, GB/T 27425 scientific research laboratories, and conduct laboratory standardized operations, and strive for accurate test results, efficient certification processes, and customers Satisfactory service.

CTNT currently has six major laboratory departments: laser laboratory, electrical performance laboratory, optical performance laboratory, reliability laboratory, materials laboratory, and energy efficiency laboratory. Especially for optical and beauty equipment, it has innovative and industry-leading testing technology research. It can provide the society with multi-faceted professional technical services such as laser, electronic appliances, blue light protection, mechanical equipment, household appliances, lighting appliances, information communication, artificial intelligence,

As the first social responsibility of improving product quality and reducing compliance risks for customers, CTNT will uphold the principles of fairness and science in the testing and certification process, and provide customers with professional and high-quality inspection and testing technical services for the society. At the same time, it delivers trust in quality and makes a strong contribution to the advancement of science and technology.

### QUALIFICATION & AUTHORIZATION

- CNAS ILAC (L15898)
- China Metrology Accreditation (202119015918)



## 中国上市美容仪器质检报告

### Beauty equipment quality test report for sale in China

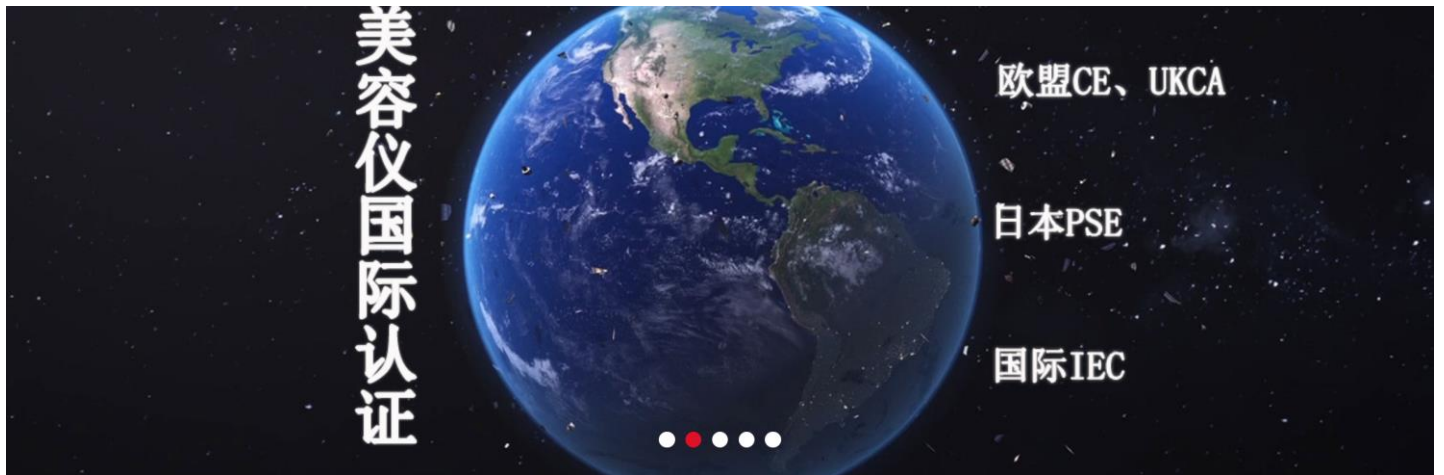
- 中为检验技术为全国两家之一同时具有 GB 4706.15、GB4706.85、GB/T 36419 的 CNAS 和 CMA 授权实验室
- CNAS ILAC (L15898) , China Metrology Accreditation (202119015918) for GB 4706.15、GB4706.85、GB/T 36419

### 检测标准 Test standard

- GB 4706.1 家用和类似用途电器的安全 第1部分:通用要求  
Household and similar electrical appliances-Safety Part 1:General requirements
- GB 4507.15 家用和类似用途电器的安全 皮肤及毛发护理器具的特殊要求  
Household and similar electrical appliances-safety - Particular requirements for appliances for skin or hair care
- GB 4706.85 家用和类似用途电器的安全 紫外线和红外线辐射皮肤器具的特殊要求  
Safety of household and similar electrical appliances - Particular requirements for skin exposure to ultraviolet and infrared radiation
- GB/T 36419 家用和类似用途皮肤美容器  
Household and similar beauty care appliances

### 检测产品 Test product

- RF 射频美容仪 RF radio frequency beauty instrument
- EMS 微电流美容仪 EMS microcurrent beauty instrument
- 光子嫩肤仪 Photon skin rejuvenation instrument
- LED 光谱美容仪 LED spectrum beauty instrument
- 超声波美容仪 Ultrasonic beauty instrument
- 激光/脉冲光脱毛仪 Laser/Pulse Light Hair Removal Device
- 激光生发仪 Laser hair growth device
- Mass 高频振动美容仪 Mass high frequency vibration beauty instrument
- 熏蒸美容仪 Fumigation beauty instrument
- 补水雾化美容仪 Moisturizing and atomizing beauty instrument
- 紫外线光疗仪 UV phototherapy device



## 美容仪国际认证

### Beauty Instrument International Certification

- 中为检验为全国极少数同时有 IEC 60335-2-23、IEC 60335-2-27、IEC 60335-2-113、IEC 60335-2-115 授权实验室
- CNAS ILAC (L15898) for IEC 60335-2-23、IEC 60335-2-27、IEC 60335-2-113、IEC 60335-2-115

#### 认证标准 Test standard

##### ●安规 Safety

- IEC、EN、BS、K、J、AS/NZS 60335-1
- IEC、EN、BS、K、J、AS/NZS 60335-2-23
- IEC、EN、BS、K、J、AS/NZS 60335-2-27
- IEC、EN、BS、K、J、AS/NZS 60335-2-113
- IEC、EN、BS、K、J、AS/NZS 60335-2-115
- UL 859

##### ●电磁兼容 Electromagnetic Compatibility

- CISPR 14-1/-2
- EN、BS 55014-1/2
- FCC PART15, PART18
- KN 14-1/2
- J 55014
- AS NZS CISPR 14-1

#### 认证类型 Certification item

- 国际电工 IEC、CB (适用于东亚、中东、非洲)  
International Electrotechnical IEC, CB (applicable to East Asia, Middle East, Africa)
- 欧盟 CE 认证  
European Union CE
- 日本 PSE 认证  
Japanese PSE
- 英国 UKCA 认证  
United Kingdom UKCA
- 澳洲 SAA (RCM) 认证  
Australia SAA (RCM)
- 美国 FCC 认证  
America FCC
- 韩国 KC 认证  
Korea KC
- 加拿大 IC 认证  
Canadian IC

# 美容仪功能验证

——使用安全  
——使用功效



## 美容仪功效验证

### Beauty instrument efficacy verification

- 仪器参数指标检测、人体作用机理验证  
■ Instrument parameter index detection, Human body mechanism verification
- 中为检验技术为全国极少数同时具有美容仪安全要求和功能要求双重能力的 CNAS、CMA 资质授权第三方检测机构
- CNAS ILAC (L15898)、CMA (202119015918) for Beauty device safety requirements and functional requirements

## 验证指标 Validation metrics

- RF 射频参数验证 RF parameter verification
- EMS 微电流参数验证 EMS microcurrent parameter verification
- 超声波参数验证 Ultrasonic parameter verification
- 激光美容仪激光参数验证 Laser beauty instrument laser parameter verification
- IPL 脉冲光美容仪脉冲参数验证 IPL pulsed light beauty instrument pulse parameter verification
- LED 光谱美容仪光谱参数验证 LED spectral beauty instrument spectral parameter verification
- 红外参数验证 Infrared parameter verification
- 紫外参数验证 UV parameter verification

## 检测对象 Test product

- RF 射频美容仪 RF radio frequency beauty instrument
- EMS 微电流美容仪 EMS microcurrent beauty instrument
- 光子嫩肤仪 Photon skin rejuvenation instrument
- LED 光谱美容仪 LED spectrum beauty instrument
- 超声波美容仪 Ultrasonic beauty instrument
- 激光/脉冲光脱毛仪 Laser/Pulse Light Hair Removal Device
- 激光生发仪 Laser hair growth device
- Mass 高频振动美容仪 Mass high frequency vibration beauty instrument
- 紫外线光疗仪 UV phototherapy device



## 美容仪检测

- 光学美容仪
- 电学美容仪

### 美容仪安全指标质控检测

#### Beauty instrument safety index quality control testing

- 电学安全、光学安全、化学安全
- Electrical safety, Optical safety, Chemical safety

#### 检测指标

- 电皮肤刺激器负载稳定性
- 作用于人体的电气部件结构要求
- 电皮肤刺激器人体传递电流限值
- 激光发射限值
- IPL 脉冲光发射限值
- 微针穿透皮肤深度限值
- 人造皮肤发热限值
- 超声波发射限值
- 工作机制和自锁功能
- 人眼光学安全伤害阈值
- 人体接触部件镍释放化学安全

#### Test Item

- Electrical Skin Stimulator Load Stability
- Structural requirements for electrical components acting on the human body
- Electric skin stimulator human body delivered current limit
- Laser emission limits
- IPL pulsed light emission limits
- Microneedle penetration depth limit
- Artificial skin fever limit
- Ultrasonic emission limits
- Working mechanism and self-locking function
- Human eye optical safety injury threshold
- Human contact parts nickel release chemical safety



## 美容仪器 FDA 注册认证

### Beauty equipment FDA registration and certification

- FDA 检测、FDA 注册、FDA 法规咨询
- FDA testing, FDA registration, FDA regulatory consultation
- 中为检验技术是全国唯一具有激光标准 FDA 21CFR 1040.10 授权认可的检测机构
- CTNT is the only accredited laboratory has laser standards FDA 21CFR 1040.10

### 检测项目 Test item

- IEC 60601-1 医疗器械通用要求 General Requirements for Medical Devices
- IEC 60601-1-2 医疗器械电磁兼容要求 Electromagnetic Compatibility Requirements for Medical Devices
- IEC 60601-1-11 家庭医疗环境医疗器械要求 Home Healthcare Environment Medical Device Requirements
- IEC 60601-2-22 激光美容医疗器械要求 Laser Beauty Medical Device Requirements
- IEC 60601-2-57 非激光美容医疗仪器要求 Requirements for non-laser cosmetic medical equipment
- IEC 60825-1 激光安全等级要求 Laser safety level requirements
- IEC 62471 光生物安全要求 Photobiological Safety Requirements
- ISO10993-1/-5/-10 生物相容性要求 Biocompatibility Requirements
- 仪器性能参数指标检测验证 Instrument performance parameter index testing and verification

### 咨询服务 Consultation service

- 实质等同对比 Substantial Equivalence Comparison
- 510K 文件编制 510K documentation
- 制造商注册 Manufacturer registration (DEV)
- 出口商注册 Exporter Registration (DFE)
- 产品列明 Product list (LST)
- 美代服务 US Agent Services
- 法规咨询 Regulatory Consulting
- 法律援助和顾问 Legal Aid and Consultants
- 激光类放射中心 CDRH 注册 Laser radiation center CDRH registration



中为检验技术官方微信公众号

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