

# 强制检定证书



证书编号: JL2413357911

第 1 页, 共 3 页

送检单位	深圳大学总医院
送检单位地址	桃源街道大学城学苑大道 1098 号
计量器具名称	视频脑电图仪 (数字脑电图仪)
型号/规格	JE-921A
制造厂	日本光电
出厂编号	13958
设备管理编号	神经外科
检定依据	JJG954-2019 数字脑电图仪检定规程
检定结论	合格
检定日期	2024 年 08 月 22 日

依据检定规程, 被检仪器检定周期不超过 12 个月

(证书专用章)

批准人:

李阳武

核验员:

陈春芳

检定员:

张凯

证书首页背面“重要声明”是证书的组成部分, 任何未包含“重要声明”内容的复制均为不完整复制。

计量检定机构地址: 广东省深圳市南山区龙珠大道 92 号

客户服务热线: 400 900 8999 - 1 E-Mail: kfzx@smq.com.cn

法定计量检定机构授权证书号: (粤)法计(2019)01002 号

社会公用计量标准证书号: [2021]深社量标深证字第 284 号

# 重 要 声 明

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The QR code has the function of browsing and downloading complete report. Setting this function or not is chosen by the customer. The QR code and its copy enable anyone to scan and obtain the complete electronic version of the test report. Thus, if the owner of this report needs to restrict others from obtaining the content of the test report through the QR code, he shall cover or remove the QR code attached to the test report and its copies by himself. SMQ assumes no responsibility for the information leakage caused by the customer's selection of the QR code function of the test report ( This clause applies to certificates with QR code attached ) ..

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国家数字电子产品质量检验检测中心  
National Digital Electronic Product Testing Center (NETC)  
国家营养食品质量检验检测中心(广东)  
National Nutrition Food Testing Center (Guangdong)  
国家体育用品质量检验检测中心(广东)  
National Sports Product Testing Center (Guangdong)  
国家环保产品质量检验检测中心(广东)  
National Environmental Product Testing Center (Guangdong)  
国家分布式光伏发电系统质量检验检测中心(广东)  
National Distributed Photovoltaic Power Generation System Testing Center (Guangdong)  
国家电动汽车电池及充电系统产业计量测试中心  
National Metrology Center for Electric Vehicle Battery and Charging System Industry  
国家民用无人机产品质量检验检测中心(广东)  
National Civil Unmanned Aerial Vehicle Product Testing Center (Guangdong)  
国家高新技术计量站  
National Hi-tech Metrology Station  
国家医疗器械产业计量测试中心  
National Metrology and Testing Center for Medical Device Industry  
国家计量数据科学中心深圳分中心  
National Metrology Data Science Center (Shenzhen)  
国家城市能源计量中心(深圳)  
National Urban Energy Measurement Center (Shenzhen)  
中国轻工业联合会家具质量监督检测深圳站  
Accredited Testing Station (Shenzhen) for Furniture by China National Light Industry Council (CNLIC)  
广东省质量监督食品检验站(深圳)  
Guangdong Quality Supervision and Inspection Institution for Food (Shenzhen)  
广东省质量监督生态纺织服装产品检验站(深圳)  
Guangdong Quality Supervision and Inspection Institution for Ecological Textile and Garment Products (Shenzhen)  
广东省质量监督皮革制品检验站  
Guangdong Quality Supervision and Inspection Institution for Leather Products  
广东省质量监督家具检验站(深圳)  
Guangdong Quality Supervision and Inspection Institution for Furniture Products (Shenzhen)  
广东省质量监督学生用品检验站(深圳)  
Guangdong Quality Supervision and Inspection Institution for Student's Articles (Shenzhen)  
广东省质量监督自行车检验站  
Guangdong Quality Supervision and Inspection Institution for Bicycle Quality  
广东省质量监督钟表检验站(深圳)  
Guangdong Quality Supervision and Inspection Institution for Horological Products (Shenzhen)  
广东省质量监督节能环保产品(安全性能)检验站(深圳)  
Guangdong Quality Supervision and Inspection Institution for Safety Performance of Environmental Protection and Energy Saving Products (Shenzhen)  
广东省质量监督眼镜检验站(深圳)  
Guangdong Quality Supervision and Inspection Institution for Eyewear Products (Shenzhen)  
广东省质量监督电磁兼容检验站  
Guangdong Quality Supervision and Inspection Institution for Electromagnetic Compatibility  
广东省质量监督综合布线系统检验站  
Guangdong Quality Supervision and Inspection Institution for Generic Cabling System  
深圳市纤维纺织检验所  
Shenzhen Quality Inspection Institution for Fiber and Textile  
深圳市建材产品质量监督检验站  
Shenzhen Quality Supervision and Inspection Institution for Building Materials  
深圳市消防产品燃烧性能检测中心  
Shenzhen Testing Center for Burning Behavior of Fire Protection Products

### 联系方式 Contact Information

联系电话 Contact Tel.: 0755-26941696 26941546(龙珠) 27591789(宝安) 82426246(八卦岭) 28932280(龙岗) 0769-21684525(东莞)  
传真电话 Fax No.: 0755-27591716(宝安) 82408176(八卦岭) 28932840(龙岗) 0769-21684527(东莞)  
投诉及证书/报告真伪查询电话 Complaint Tel.: 400-900-8999 按5 Email: complaint@smq.com.cn

## 强制检定证书

证书编号: JL2413357911

第 2 页, 共 3 页

### 检定用主要计量标准装置信息

名称	测量范围	不确定度/准确度等级/ 最大允许误差	计量标准考核证书号	有效期至
数字脑电图仪及 脑电地形图仪检 定装置	电压（峰峰值）： 0.5mV~5V, 频率 ： 0.1Hz~150 Hz	电压（峰峰值）MPE:±1%； 频率 MPE: ±1%	[2021]粤量标鹏法证字第 284 号	2026-11-09

### 检定用主要标准器信息

名称	测量范围	不确定度/准确度等级/ 最大允许误差	设备编号	证书号/ 溯源单位	有效期至
心脑电图机心电 监护仪检定仪	电压（峰峰值）： 0.5mV~5V; 频率 ： 0.1Hz~150Hz	电压（峰峰值）MPE: ±1%; 频 率 MPE: ±1%	SB15363/01	WWC2024 00326A/ 广东省计 量院	2025-03-13

### 附加说明

委托日期: 2024 年 08 月 22 日  
检定地点: 客户 神经外科  
环境条件: 温度 23.8℃ 相对湿度 61.2%

检定结果

证书编号：JL2413357911第 3 页，共 3 页

检定项目	检定结果				
外观和工作 正常性检查	符合要求				
电压测量	灵敏度 $\mu\text{V/mm}$	标准值 $\mu\text{V}$	测量值 $\mu\text{V}$	相对误差 %	
	1	5	4.9	-2.0%	
		10	10.0	0.0%	
		20	19.9	-0.5%	
	5	25	25.5	2.0%	
		50	51.0	2.0%	
		100	100.0	0.0%	
	10	50	50	0.0%	
		100	99	-1.0%	
		200	201	0.5%	
	20	100	102	2.0%	
		200	204	2.0%	
		400	400	0.0%	
	50	250	245	-2.0%	
		500	495	-1.0%	
		1000	1010	1.0%	
	100	500	510	2.0%	
		1000	1010	1.0%	
		2000	2030	1.5%	
时间间隔	记录速度 15mm/s	标准值/s	0.5	1	5
		相对误差/%	-2.7%	-0.7%	0.8%
	记录速度 30mm/s	标准值/s	0.2	0.3	0.5
		相对误差/%	0.0%	1.1%	-1.3%
	记录速度 60mm/s	标准值/s	0.05	0.1	0.2
		相对误差/%	3.3%	0.0%	1.7%
共模抑制比	86.2 dB				

检定时供电电压：209 V~231 V

附注：

依据JJF1059.1-2012测量不确定度评定与表示

- 1、电压测量结果相对扩展不确定度： $U_{rel} = 1.3\%$ ,  $k = 2$ 。
- 2、时间间隔测量结果相对扩展不确定度： $U_{rel} = 0.7\%$ ,  $k = 2$ 。

以下空白