

安心合規

IEC 60601-2-27

标准测试完整方案

仅须依操作步骤点击，即可完成所有必要的病人监护仪性能测试，
节省研究医疗标准和培训的时间。



模拟器与测试仪器

- Ⓐ **SECG 5.0 AIO** 多生理信号模拟器，包含 IEC 60601-2-27 辅助软件
- Ⓑ **CMRR 3.0+** 共模抑制比测试仪，包含 IEC 60601-2-27 辅助软件

方案内容

配件

- ① 降噪金属板 x 1
- ② 复合式端子头 x 23
- ③ 接地线 x 2
- RCA 对 BNC 接线 x 1
- USB 接线 x 1

培训与服务

- 模拟器与测试仪器 基本操作培训 2 小时
- IEC 60601-2-27 测试标准培训 3 小时
- 测试专业咨询 2 小时

选配项目 • C3R3 3 年校验服务及延伸保固 • HFCN 电烧干扰治具

A SECG 5.0 AIO 测试设置图 – 验证 ECG 硬件设计

这款单机操作的心电图模拟器提供灵活的参数设置，包括噪声、呼吸和导联脱落模拟，以及内建 IEC 60601-2-27 标准辅助软件。



支持 IEC 60601-2-27 标准测试项目

- 201.7.9.2.9.101 b), 4) Heart rate meter accuracy and response to irregular rhythm
- 201.7.9.2.9.101 b), 5) Response time of heart rate meter to change in heart rate
- 201.7.9.2.9.101 b), 6) Time to alarm for tachycardia
- 201.11.8 - Interruption of the power supply / SUPPLY MAINS TO ME EQUIPMENT
- 201.12.1.101.1 Accuracy of signal reproduction
- 201.12.1.101.2 Input dynamic range and differential offset voltage
- 201.12.1.101.3 Input impedance
- 201.12.1.101.5 Multichannel crosstalk
- 201.12.1.101.6 GAIN control and stability
- 201.12.1.101.7 Sweep speed
- 201.12.1.101.8 Frequency and impulse response
- 201.12.1.101.9 GAIN INDICATOR
- 201.12.1.101.11 Baseline reset
- 201.12.1.101.12 Pacemaker pulse display capability
- 201.12.1.101.13 Rejection of pacemaker pulses
- 201.12.1.101.14 Synchronizing pulse for cardioversion
- 201.12.1.101.15 Heart rate range, accuracy, and QRS detection range
- 201.12.1.101.16 Channel height and aspect ratio
- 201.12.1.101.17 Tall T-wave rejection capability

B CMRR3.0+ 测试设置图 – 验证 ECG 共模抑制比

这款测试仪器能减轻主电源频率噪声的干扰，同时帮助省下设置无噪声测试环境的时间。



支持 IEC 60601-2-27 标准测试项目

- 201.12.1.101.4 Input NOISE
- 201.12.1.101.10 Common mode rejection



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测试项目	SECG 5.0 AIO	CMRR 3.0+	HFCN
201.7.9.2.9.101 b), 4) Heart rate meter accuracy and response to irregular rhythm	●		
201.7.9.2.9.101 b), 5) Response time of heart rate meter to change in heart rate	●		
201.7.9.2.9.101 b), 6) Time to alarm for tachycardia	●		
201.11.8 - Interruption of the power supply / SUPPLY MAINS TO ME EQUIPMENT	●		
201.12.1.101.1 Accuracy of signal reproduction	●		
201.12.1.101.2 Input dynamic range and differential offset voltage	●		
201.12.1.101.3 Input impedance	●		
201.12.1.101.4 Input NOISE		●	
201.12.1.101.5 Multichannel crosstalk	●		
201.12.1.101.6 GAIN control and stability	●		
201.12.1.101.7 Sweep speed	●		
201.12.1.101.8 Frequency and impulse response	●		
201.12.1.101.9 GAIN INDICATOR	●		
201.12.1.101.10 Common mode rejection		●	
201.12.1.101.11 Baseline reset	●		
201.12.1.101.12 Pacemaker pulse display capability	●		
201.12.1.101.13 Rejection of pacemaker pulses	●		
201.12.1.101.14 Synchronizing pulse for cardioversion	●		
201.12.1.101.15 Heart rate range, accuracy, and QRS detection range	●		
201.12.1.101.16 Channel height and aspect ratio	●		
201.12.1.101.17 Tall T-wave rejection capability	●		
202.6.2.101 Electrosurgery interference			●