

SEEG 100

EEG Performance Tester

Standard Coverage :
IEC 60601-2-26

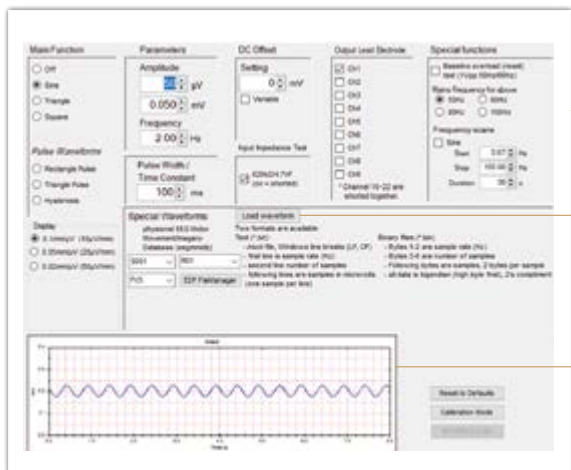


Your EEG Simulator Designed for
Regulation Testing

Features and Benefits

- Designed according to latest EEG regulation standard IEC 60601-2-26:2012
- Sophisticated electrical design enables the test system to output 1 μ V signal
- 9 channels with auto-select switches for users to test performance individually
- Built-in test circuits as defined in EEG standards with selection of 620k Ω /4.7nF for input impedance test
- Good shielding and grounding designs allow for higher accuracy
- A real-time single channel player for PhysioNet's EDF format waveforms and text/binary format waveforms
- **IEC 60601-2-26 helper** makes the test sequences easier than ever

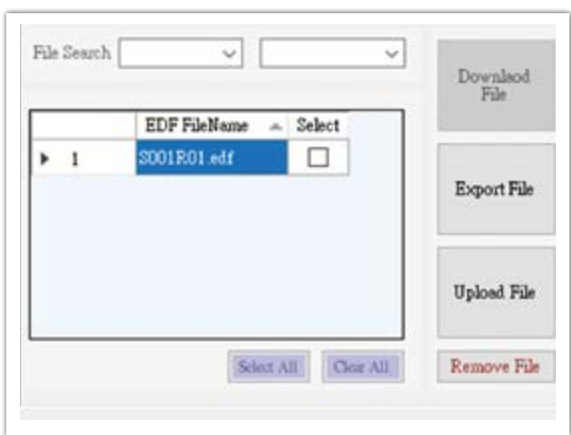
Simple and Effective Tool to Verify EEG Performance



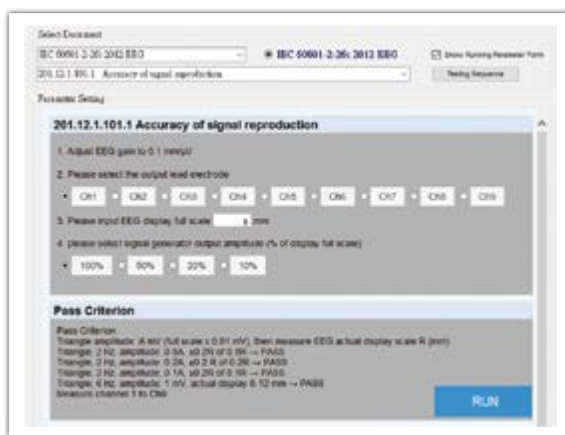
Adjustable parameters per IEC 60601-2-26 required

Load customized waveform format

Real-time waveform display



Easy to download PhysioNet waveforms via EDF File Manager



Optional IEC 60601-2-26 helper simplifies the medical standard into required parameters, test sequences and pass criteria

SEEG 100 Specifications

Parameter	Specifications
Main output voltage accuracy	±1% for amplitudes of 0.2mVpp or higher
Main output voltage resolution (DAC resolution)	0.5µV
Frequency / pulse repetition rate accuracy	±1%
Pulse duration / timing accuracy	±1ms
Resistor tolerance	±1%
Capacitor tolerance	±5%
Precision 1000:1 divider (100KΩ:100Ω)	±0.2%
Sample rate	5kHz ± 0.1%
DC offset (fixed, noise free, sourced from internal super capacitor)	300mV ± 1%
Power supply	USB +5Vdc supply (no separate power supply required) 0.5A (high power mode)
Environment	15 ~ 30° C 30 ~ 80% RH

