

saga ³²⁺₆₄

TMSi

SAGA is the award-winning, most flexible and versatile amplifier system for electrophysiological measurements.

Whether you want the full scale performance in a completely integrated setup with maximum sampling rate and full channel set, or a portable wireless setup with the Data Recorder worn on the body. Or even an ambulatory setup for outdoor use. With SAGA, everything is possible.

The additional inputs for extra measurements such as EOG or EMG or ECG gives your SAGA an even more complete feature set.



reddot design award
winner 2019



EEG, HD EMG or other multi-channel measurements



2 dual bipolar
3 triple auxiliary
1 digital input



Wired or Wireless data transfer



Unmatched signal quality



Medical Device

Features

saga ³²⁺ saga ⁶⁴⁺

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Channel Configuration		
# Unipolar	32 Unipolar	64 Unipolar
# Bipolar	2 Dual Bipolar (4)	2 Dual Bipolar (4)
# Auxiliary	3 Triple Aux (9)	3 Triple Aux (9)
# Digital	1 Digital	1 Digital
Medical Device Classification	Class II (CF)	Class II (CF)
Active Shielding Technology	✓	✓
Impedance Measurement	✓	✓
Lost Sample Recovery	✓	✓
Sensor Recognition	✓	✓
Marker Button	✓	✓
Trigger Input	✓	✓
Synchronisation Output	✓	✓
Amplifier Concept		
Average Reference	✓	✓
Common Reference	✓	✓

Technical Specifications

RMS Noise	<1 μ V (0.1 to 100 Hz)
Input Range	-150 to +150 mV
Input Resistance	>1 G Ω
CMRR (@50/60 Hz)	100 dB (typical)
Supported Sampling Rates	4096/2048/1024/512 4000/2000/1000/500 Hz
Analogue Bandwidth	0 to 800 Hz

Properties

Data Recorder	
Dimensions	∅ 179 mm, h: 41 mm
Weight	700 g
Power Supply	1 or 2 LiOn batteries (typical battery life: 6 hours per battery)
Docking Station	
Dimensions	∅ 179 mm, h: 47 mm
Weight	700 g
Power Supply	Mains power

