

SAGA32/64+ is the the most versatile amplifier system for electrophysiological measurements providing the highest data quality possible.

Full scale performance in a completely integrated setup or a portable wireless setup with the Data Recorder worn on the body, with SAGA, everything is possible.



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

Features

saga <sup>32+</sup>    saga <sup>64+</sup>

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

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 µV (0.1 to 100 Hz)
Input Range	-150 to +150 mV
Input Resistance	>1 GΩ
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

TMSi products are not intended to be used for diagnosis or treatment of disease. Our products are not marketed as Medical Devices and are to be used for research purposes only.

