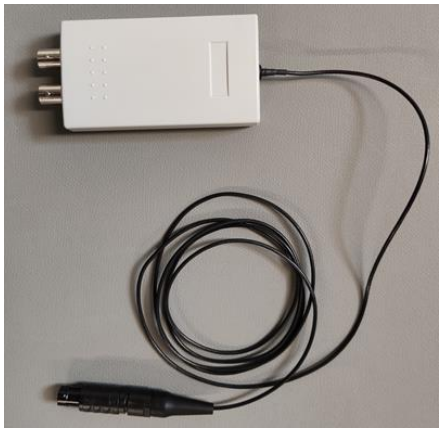
ABOUT THE ISOLATION MODULE 2CH TO ODU (REF: 95-0450-0001-0)

The TMSi isolation amplifier is intended to provide a patient safe galvanic isolation between two external analog inputs and an AUX port on a TMSi SAGA signal acquisition device.



NOTE Keep all patient-unsafe connections outside the patient environment, i.e. 1.5m from the patient.

Only one Isolation Module can be connected to a SAGA simultaneously.

Notes

- The power consumption is beyond the advised maximum rating of TMSi AUX ports, which is specified at 50mW per channel, but generally the power budget for all AUX ports combined is sufficient for one Isolation Amplifier.
- With any question regarding this product or this datasheet please contact support@tmsi.com.

Maintenance

- Before cleaning make sure equipment is turned off and not in contact with a patient.
- Use a slightly damp cloth for cleaning.
- Never use aggressive chemicals for cleaning.
- Only use water or isopropyl alcohol for cleaning.
- Do not sterilize equipment.

Contact Information TMSi

TMSi Support can be reached via email (support@tmsi.com) or by phone during office hours (CET). When you send us an email, please provide as much information as possible, including serial numbers of the used products. This will help us to support you in the best way possible.

Contact Information
Zutphenstraat 57
7575 EJ Oldenzaal
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Technical Specifications

Physical Dimensions	
Size	105 mm x 50 mm x 25 mm
Weight	82 gram
Material	ABS (grey)

Electrical Properties	
Isolation breakdown voltage	1500 V AC
Gain	0.5 (-3 dB)
Input Voltage range	-4.45 to 4.45V
Maximum Allowed Input Voltage	-4.90 to 4.90V
Leakage current	<8µA over breakdown range
Bandwidth	0 to 900 Hz (single pole -3dB)
Input Impedance	10GΩ // 5pF
Input referred Noise (RMS)	0.2 mV
Cross-talk	-60 dB (50 Hz)
Offset	maximum ±50 mV, typical ±20 mV
Power consumption	300 mW
Input Connectors	2x BNC (center pin = +)

Measurement Properties with use of EPROM data	
Measurement dimensions	V
Gain	1.0 (measured voltage equals the input voltage)