

# Q-Sense fMRI system- Technical Specification

July 2018

Parameter	Specification
Thermode Active Area	30x30 mm
Temperature Range	20 °C – 50 °C
Heating Rate	0 – 4.5 °C/Sec ± 10%
Cooling Rate	0 – 3 °C/Sec ± 10%
Stimulation Methods	Limits Levels Thermal Sensory Limen (TSL) Ramp and hold
Set-Point Resolution	0.1 °C
Display Resolution	0.1 °C
Repeatability	±0.3 °C
Absolute Accuracy	±0.3 °C
Operating Mode	Interval operated module. 5 – 10 minutes required between patients.
Programmable Parameters	Method, Adaptation Temperature, Heating Rate, Cooling Rate, Number of Stimuli, ISI, Sound Option, Randomize Option
Communication with PC	USB
Communication with Printer	Via PC
Standards	IEC 60601-1; IEC 60601-1-2
Approvals	CE, FDA
Operating Voltage	12 VDC, 6.8A
Power Supply	100 – 240 VAC, 4 – 2 A, 50/60 Hz
Power Consumption	Approx. 82W
Dimensions	Portable tabletop device
Weight	Approx. 8 Kg
Software	Dedicated graphic based software MMS (Medoc Main Station)
Software Operating System	Windows 7, Windows 10
PC Requirements	Notebook State of the art CPU, 2GB RAM, 8 GB free disc space.

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