

TSA 2 System – Technical Specifications

Parameter	Specification
Thermode continuous active area	30x30 mm 16x16 mm Intra-oral Intra-vaginal
FMRI compatibility	Yes 30x30mm, 16x16mm, (dual-thermode configuration)
Dual thermode port configuration	Yes
Thermodes EEPROM memory	Yes
Temperature range	0°C – 53°C (Note: range depends on the protocol used).
Temperature change rate range	0.1-13°C/sec (Note: Maximal rate depends on the protocol used).
Maximum duration at target temperature	600 sec
Stimulation methods	Limits, Levels, TSL, Chain, Pulses , Ramp and Hold, Search, VAS Search, CPM (for dual thermode protocols)
External control support	Yes
Absolute temperature accuracy	± 0.3°C
Temperature repeatability	± 0.2°C
Set-Point resolution	0.1 °C
Display resolution	0.01 °C
Baseline temperature	10°C – 45°C
Programmable parameters	Method, Adaptation Temperature, Heating Rate, Cooling Rate, Number of Stimuli, ISI, Sound Option, Randomize Option, events
TTL output	Voltage: ± 5V Duration: >10[msec]
TTL Input	Voltage: 3.3V- 5V

Parameter	Specification
Accessories	2 Button Response Unit (Y/N) CoVAS (USB)
Communication with host PC	USB (2.0)
Approvals	CE, FDA
Weight	Approx. 9 Kg
Supply voltage	90 – 264 VAC (24V output, 500W)
Software	Dedicated graphic based software – MMS (Medoc Main Station)
Software operation system	Windows 7, Windows 8, Windows 10
PC requirements	1 GHZ and above CPU, 2GB RAM, 8 GB free disk space