

Comparison Chart

Parameter	TSA 2	Q-Sense	TSA Air2
			
Temperature range	0 to 53 °C	16 to 50 °C	0 to 53 °C
Maximum rate (°C/Sec.)	13	2	10
Available thermodes	30*30 - 16*16 - 30*30 fMRI - 16*16 fMRI - Intraoral - CHEPS - CHEPS fMRI	30*30	30*30
CHEPS available	✓	✗	✗
Cooling			
fMRI compatible	✓	✗	✗
External control	✓	✗	✓
TTL In/Out	✓	✗	✓
Modalities	CS, WS, CP, HP, tonic heat and cold, CHEPS	CS, WS, HP, tonic heat	CS, WS, CP, HP, tonic heat and cold
DUAL thermodes	✓	✗	✗

Decision Support

Potential use:
fMRI / CHEPS speed / Dual Thermode?

YES

NO



TSA2

Thermode size:
Need only 30*30?

YES

NO



TSA2

Cold pain:
Important?

YES

NO



TSA2



TSA2 Air

Speed:
Faster than 2°C/sec.?

YES

NO



TSA2



TSA2 Air



Q-Sense