

TSD191 THERMAL STIMULATION TRANSDUCER (THERMODE)



The TSD191 Thermode has a 30 mm x 30 mm contact area to deliver hot/cold thermal stimulus pulses (via Peltier thermoelectric method) when driven by the Stimulation Control Unit (SCU). The TSD191 Thermode is included with the STM THERM Thermal Stimulator but may also be ordered separately.

The Thermode incorporates a built-in heat sink and fan; the venting areas between the stimulation area and the heat sink should remain unobstructed to ensure proper operation.

The Thermode's response baseline will be the resting (normal) temperature of the Thermode in its ambient environment.

WARNING: When applying thermal stimulus to skin, DO NOT set the STM THERM control voltages at the -10 V or +10 V limits for longer than 5 seconds.

TSD191 SPECIFICATIONS:

Weight:	190 grams
Dimensions:	Enclosure: 59 mm (wide) x 51 mm (long) x 32 mm (high)
Cable:	6-pin mini DIN connector, 3 meter cable to STM THERM
Cooling:	Incorporates 50 mm x 50 mm fan
Thermode Active Area:	30 mm x 30 mm
Attachment:	Ships with three straps: 20 cm x 25.4 mm; 33 cm x 25.4 mm; and 76 cm x 25.4 mm. For additional straps, use BN-STRAP Series .