

Soterix Medical line of animal stimulation devices are simple to use and precise.

DEVICE FEATURES

SMARTscan™

Continuous visual indication of electrode quality

TRUE CURRENT™

Clearly indicates the actual current supplied

Auto Sham

Simple and intelligent sham waveforms.

ISO 13485 certified
 MDSAP certified
 FDA Registered Facility

Visit us at soterixmedical.com

SOTERIX MEDICAL ANIMAL tDCS/tES DEVICE INNOVATIONS

The Soterix Medical Animal tDCS and tES devices provide reproduction of all tDCS/tES protocols used in animal experiments and can be used for stimulation in tissue systems such as brain slice and culture.



Animal tDCS
 Industry Standard

The Soterix Medical Animal tDCS system allows researchers the ultimate flexibility in setting dose intensity and duration.

TECHNICAL SPECIFICATIONS

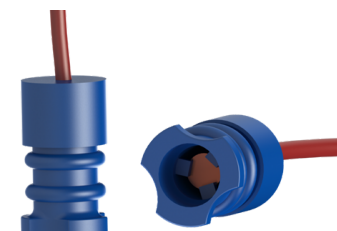
- Stimulation type:** DCS
- Number of channels:** 1
- Maximum current:** ± 1000 µA
- Current accuracy:** 1%
- Current resolution:** 0.01mA
- Ramp-up/Ramp-down:** 30 seconds
- Max duration per session:** 60 min
- Time resolution:** 1 min
- Abort functionality:** Possible at any time
- Trigger:** Trigger-in port available



Animal tES
 Advanced Neuromodulation

TECHNICAL SPECIFICATIONS

- Stimulation types:** DCS, tODCS, tPCS, tACS, tRNS
- Adjustable Frequency:** from 1 to 200 Hz with 0.5 Hz resolution
- Polarity:** Bipolar and unipolar
- Number of channels:** 1
- Maximum current:** ± 1000 µA
- Current accuracy:** 1%
- Current resolution:** 0.01mA
- Ramp-up/Ramp-down:** 30 seconds
- Max duration per session:** 60 min
- Time resolution:** 1 min
- Abort functionality:** Possible at any time
- Trigger:** Trigger-in and Trigger-out ports available
- RELAX™:** Transiently decrease the current during a session



Accessories
 Optimized Solution

The Soterix Medical Epicranial implant is the first and only electrode design that has been optimized specifically for Animal tDCS/tES experiments.

TECHNICAL SPECIFICATIONS

- Material:** Polypropylene
- Epicranial Electrode**
- Outer diameter:** 2 mm
- Height:** 4 mm
- Epicranial Electrode Holder**
- Outer diameter:** 5.7 mm
- Inner diameter:** 3.5 mm
- Height:** 9 mm
- Cap**
- Outer diameter:** 5.3 mm
- Inner diameter:** 3.75 mm
- Height:** 4 mm

Contact us for your custom needs.