



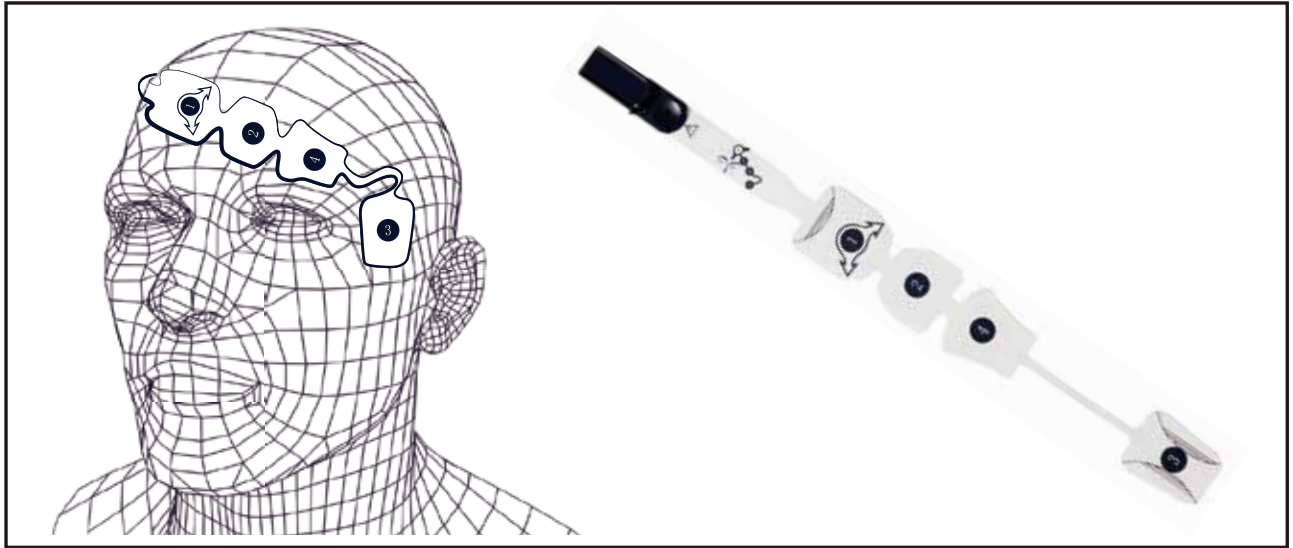
Collect signals
Perceive life
Protect human health



Medker Medical Electronic Tech (Shenzhen) Co.,Ltd.

Disposable EEG Sensor

Compatible BISpectral Index Sensor for Adult



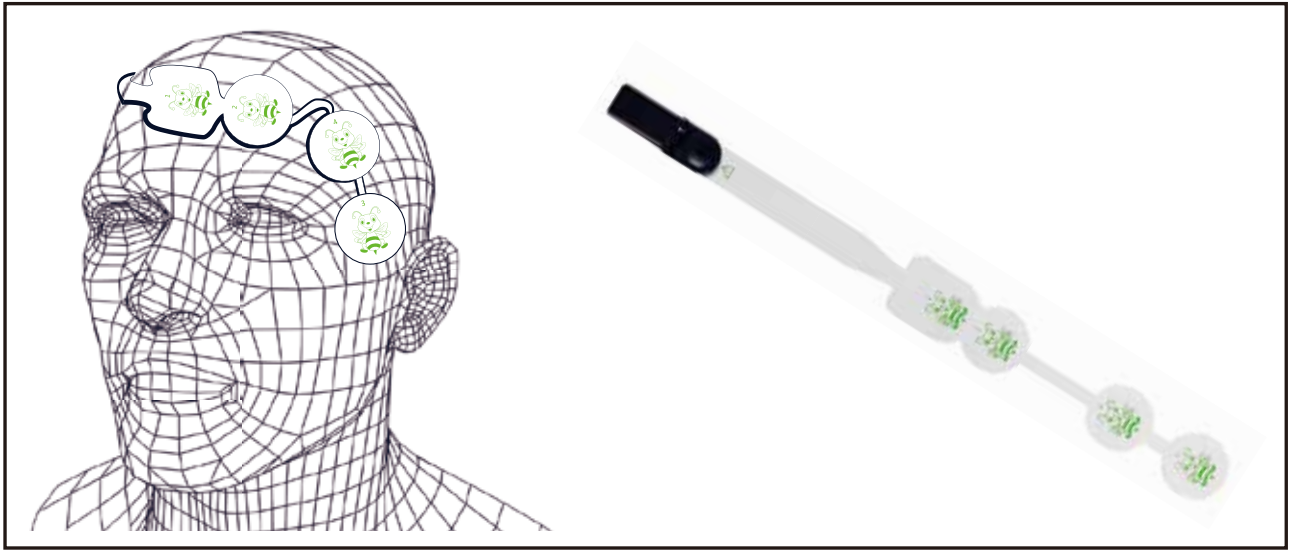
Medker Tech P/N: MK-01

compatible with Medtronic P/N: 186-0106

- Single patient use;
- Measures brain activity in adult patients undergoing general anesthesia or sedation; Can
- reduce the dosage of major narcotic drugs;
- Can shorten the time of awakening and recovery;
- Improve patient's comfortable degree;
- Reduce the incidence of intraoperative awareness and postoperative recall;
- Latex Free

Disposable EEG Sensor

Compatible BISpectral Index Sensor for Pediatric



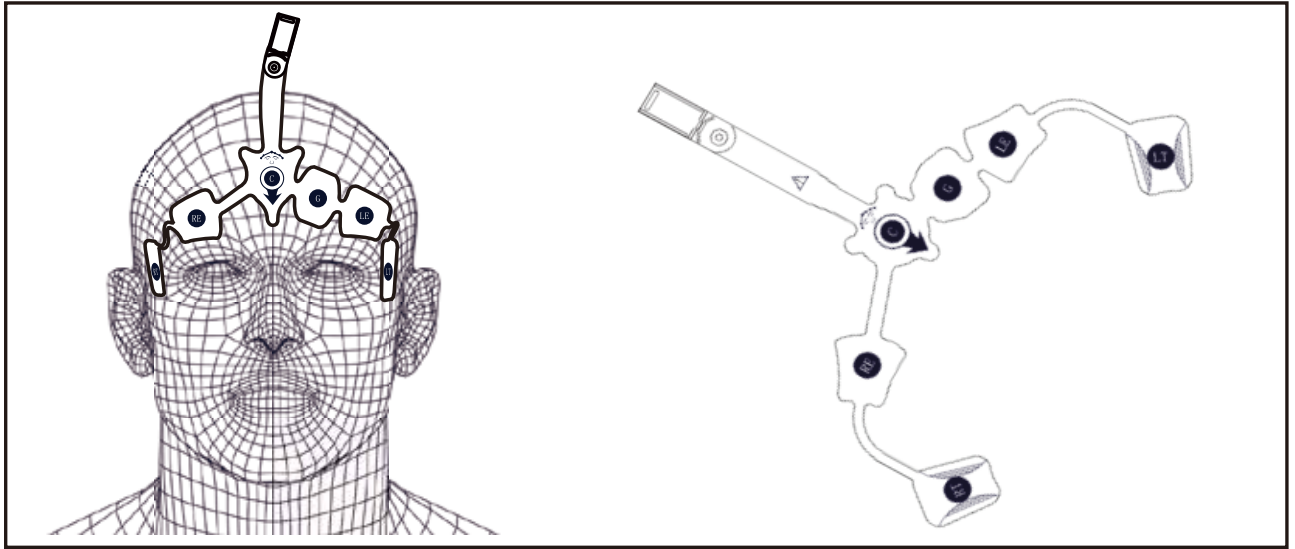
Medker Tech P/N: MK-02

compatible with Medtronic P/N: 186-0200

- Single patient use;
- Intended for pediatric patients ages four and up, measures brain activity in pediatric patients; Can
- reduce the dosage of major narcotic drugs;
- Can shorten the time of awakening and recovery;
- Improve patient's comfortable degree;
- Reduce the incidence of intraoperative awareness and postoperative recall.
- Latex Free

Disposable EEG Sensor

Compatible BIS Bilateral Sensor for Adult



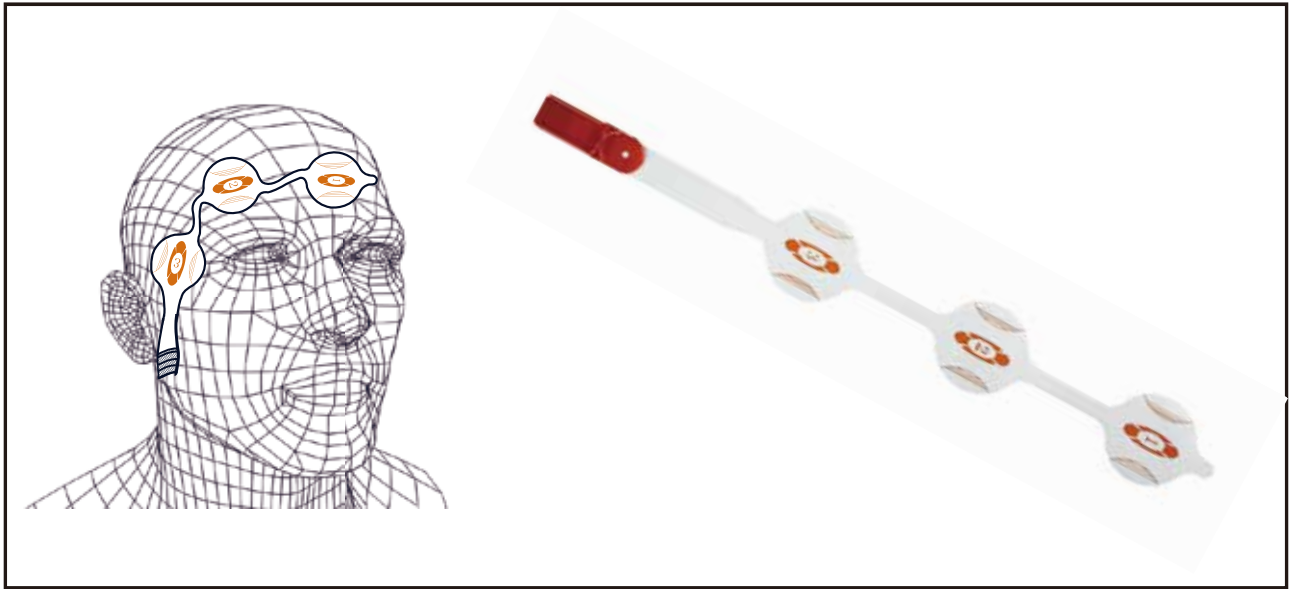
Medker Tech P/N: MK-04

compatible with Medtronic P/N: 186-0212

- Single patient use;
- Enables detection of hemispheric differences in the brain which may prove useful for advanced monitoring applications;
- Can provide DSA graphics and bilateral brain symmetry information, so doctors can intuitively see the patient's EEG status at different stages of anesthesia;
- Compatible with a BIS complete 4-channel monitor with minimum 3.0 software and BIS BISX4 module; sensor will not be recognized by BIS BISX;
- When anesthesiologists need to analyze the causes of unexpected changes in the BIS index, EEG tools such as DSA can better determine the brain state and help doctors understand the causes of unexpected changes in BIS values. Blindly adjusting drug dosages directly may bring risks to patients;
- Latex Free.

Disposable EEG Sensor

Compatible GE Entropy Sensor for Adult / Pediatric



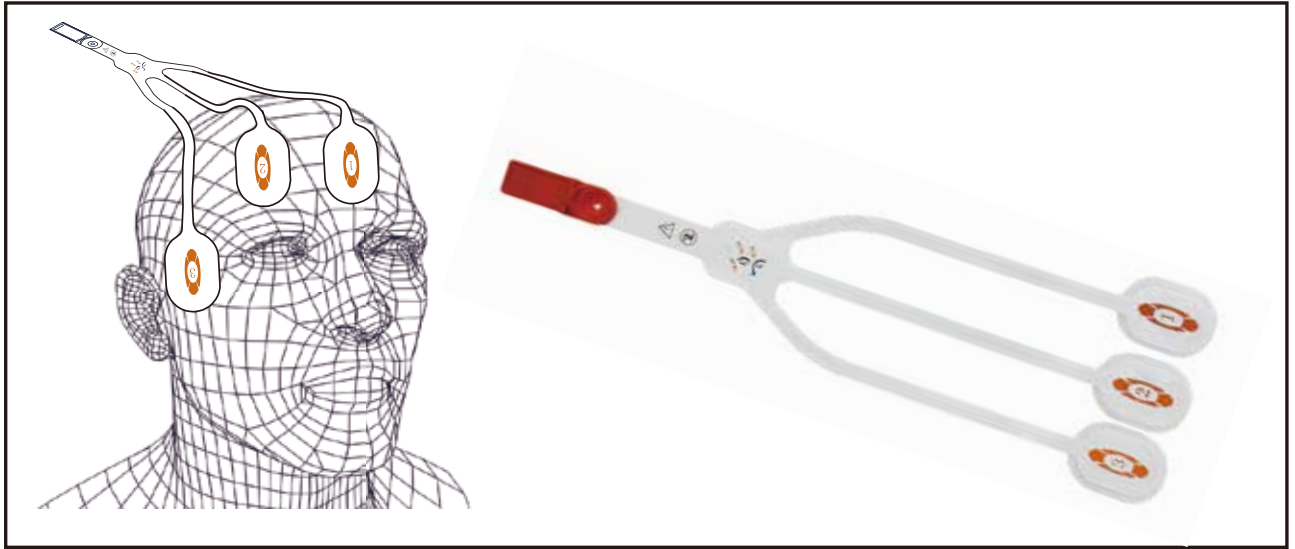
Medker Tech P/N: MK-03

compatible with GE P/N: M1174413

- Single patient use;
- Intended for adult and pediatric patients from 2 years;
- Compatible with Ohmeda S/5 Anesthesia monitor, S/5 Compact Anesthesia monitor using software LANE03(A) and L-CANE03(A);
- Excellent flexibility to place three electrodes on the forehead, Can be positioned to the left or right for ease of use;
- Low and stable impedance provides a high-quality signal;
- Latex Free .

Disposable EEG Sensor

Compatible GE Entropy Sensor for Adult / Pediatric



Medker Tech P/N: MK-08

compatible with GE P/N: M1038681

- Single patient use;
- Intended for adult and pediatric patients from 2 years;
- When used with monitored parameters, such as hemodynamic measurements and NMT, you get a more complete picture of patient status on one screen;
- Excellent flexibility to place three electrodes on the forehead, Can be positioned to the left or right for ease of use;
- RE and SE use the same algorithm to show the inhibition/excitement degree of consciousness without jumping;
- Fast response, RE reaction time only 2 seconds;
- Latex Free;
- Signal preamplification is not required.

Disposable EEG Sensor

Compatible BIS interface cable

Compatible Entropy interface cable



Medker Tech P/N: EC-001
Compatible with Medtronic P/N: 186-0107



Medker Tech P/N: EC-002
Compatible with GE P/N: M1050784

Packaging Information:

| Part Number | Box | Carton | N.W /CTN | G.W /CTN | Box Dimensions (mm) | | | Carton Dimensions (mm) | | |
|-------------|-----|--------|----------|----------|---------------------|---|---|------------------------|---|---|
| | PCS | PCS | KG | KG | L | W | H | L | W | H |
| MK-01 | 25 | 300 | 7.80 | 8.60 | 385*160*105 | | | 680*420*360 | | |
| MK-02 | 25 | 300 | 7.80 | 8.60 | 385*160*105 | | | 680*420*360 | | |
| MK-03 | 25 | 300 | 7.80 | 8.60 | 385*160*105 | | | 680*420*360 | | |
| MK-04 | 25 | 300 | 8.30 | 9.20 | 300*155*260 | | | 485*315*540 | | |
| MK-08 | 25 | 300 | 12.00 | 12.80 | 385*163*147 | | | 680*405*465 | | |

Disposable EEG Sensor

Advantages

| | Medker Tech Disposable EEG Sensor | Competitor's Disposable EEG Sensor |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ease of use | Stylus fat free technology, faster and better receive patients' EEG signal, it is convenient and fast to use clinically. | Most competitors' Disposable EEG sensor require wiping the scalp to remove fat and clean it, which not only increases the burden on medical staff, but also has poor EEG signal reception, affecting data collection. |
| Measurement Accuracy | Clinically verified, the sensor signal is stable and the response is fast. Compared to the original product, the value consistency is excellent. It can accurately reflect the current state of anesthesia depth of the patient | No third-party clinical verification, poor signal stability |
| Anti-Interference | Double shielding technology FPC is adopted to reduce impedance and interference. Made by imported conductive adhesive and sensor components to ensure complete and accurate data acquisition and real-time monitoring | Single shielding without isolation, using domestic common conductive glue, it's greatly affected by interference, easily affects the signal quality index, and produces artifacts. |
| Bio-Compatibility | Various materials pass rigorous biocompatibility tests. No sensitization | Unknow |
| Product Compatibility | Can be compatible with all brands of anesthesia depth monitoring equipment (including BIS module and GE entropy index module) | Most competitors' Disposable EEG sensor are only compatible with a few specific anesthesia monitors. |

Vision

We hope to create value for patients, medical care personnel, partners and suppliers by providing better solutions with better products and technologies

Mission

Collect signals, Perceive life, Protect human health

Values

People-oriented, product quality as the cornerstone, making customers more trustworthy

COMPANY PROFILE

Medker Tech has an excellent team of R&D, Engineering, Production and Quality Management, as well as extensive industry experience. Based on in-depth insight and understanding of the needs of clinical medical services, Medker Tech provides customers with high-quality medical products and safe & effective industry solutions.

The production base is located in Guangming District, Shenzhen - the core manufacturing center of medical products. Our production plant has advanced equipment in the industry for product development, testing and production. The factory meets the requirements of the medical device quality management system ISO13485:2016, and the series of products have passed the EU CE certification and China CFDA registration. Provide better products and solutions, collect and transmit life signals, and to protect human health with technology means.

Medker Tech, we are trying!