Depth of anesthesia and sedation module MGA

Depth of Anesthesia and Sedation Module is designed to provide long and continuous monitoring of the Brain Activity Index (AI).

Benefits:

- Real-time EEG-based Brain Activity Index (AI) delivers accurate, continuous assessment of anesthesia depth and sedation level
- Prevents Intraoperative Awareness — Significantly reduces the chance of anesthesia awareness — a distressing complication during surgery
- All-Age Compatibility — Validated for use in adults, pediatrics, and neonates, offering universal clinical applicability
- Reduces Drug Consumption — Precise titration of anesthetics lowers medication use—cutting costs and minimizing side effects
- Accelerates Recovery & ICU Discharge — Optimized sedation depth shortens emergence time, mechanical ventilation duration, and ICU stay

Technical Specification

Patient age groups	Adults, pediatrics, neonates
Anesthetics	Works with both inhaled and intravenous anesthetics
Monitoring parameters	Brain Activity Index EEG Signal Suppression Rate EEG Signal Quality Index Electromyographic Component Level Electrodes impedance (Z1–Z3)
The recommended types of electrodes	31.1245.21, 24 mm, Covidien LLC, USA; F9079/RU3236-100, FIAB SpA, Italy; White Sensor 40713, Ambu A/S, Denmark; G210C/F-150S, Nihon Kohden Corporation, Japan MedKer Tech, China
Dimensions & Weght	115x65x25 mm, 0.3 kg
Power	Voltage: 5.0 V±5% DC. Power consumption: 2 W
Environment	0–40°C, RH 40–80% (at air temperature 25°C), 600–800 mmHg
Integration	UART interface, ODU connector

Delivery kit

Depth of Anesthesia and Sedation Module MGA	TESN. 626001 / TESN. 626002 (according to the module type)	1 pcs.
EEG Electrodes	RE200046 / MK-01 / MK-03 (according to the module type)	1 unit
Development kit (UART-USB adapter with cable)	TESN.706157-01	1 pcs.* optional upon request

Contacts

Phone
+7 343 304-60-57
E-mail
info@treat-on.com
Working hours
Mon-Fri from 9-00 to 18-00 (UTC+05:00)

Treaton

The address
Bajova str. 33, 620133 Ekaterinburg, Russian Federation