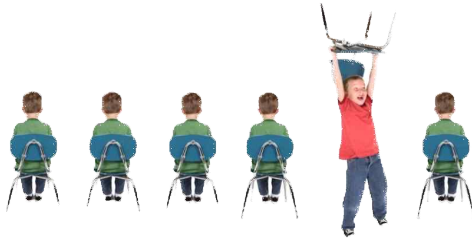


# BT-1000

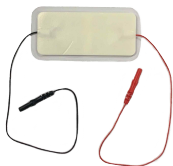
## Electroceutical Device for ADHD



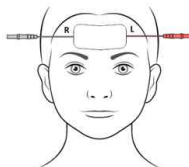
### ADHD Signs and Symptoms in Children

- Easy distracted
- Daydreaming
- Forgetfulness
- Can't sit still
- Excessive talking
- Careless mistakes
- Risk-taking behavior
- Impatience

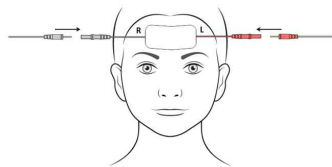
- ADHD is one of the most common neurodevelopmental disorders.
- Children who have ADHD may have trouble paying attention, controlling impulsive behaviors, or being overly active.
- BT-1000 is a prescription device that stimulates through two electrodes placed on the forehead. It stimulates and activates the underdeveloped brain.
- Its two electrodes are a combination of divided Anode and Cathode that can selectively determine more diverse stimulation pathways. Therefore, intensive treatment is possible.



Electrode



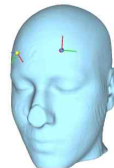
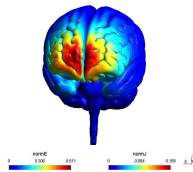
Attaching the electrode



Connecting the electrode

## ■ Why BT-1000 ?

- Safety: It is relatively safer than drug treatment because side effects can occur in drug treatment.
- Intuitive and detailed display
- Detailed setting range, and improved accuracy
- Easy charging: USB-C Type
- Long battery operation time: About 24hrs



## ■ Specification

Physical Characteristics		
Dimensions	(L)148.0 mm X (D) 78.0 mm X (H) 48.0 mm	
Weight	Approx. 200 g	
Display type	LCD (TFT Color LCD)	
Safety		
Standard	EN 60601-1, EN 60601-1-2, EN 60601-1-11	
Classification	Internal Powered Equipment	
Mode of operation	Continuous operation	
Protection against electric shock	Type BF applied part	
Protection against ingress of water	IP22	
Service life (Main)	5 years accessories are consumables	
Power		
External	Input	5 Vdc, more than 1.0 A IEC 60335-2-29 Compatible
Internal	Battery	3.7 Vdc, 4200 mAh (Li-ion) Operating Time : 24hrs (when used continuously with the duration set to UnLimit) : 72hrs (when used 6 hrs a day) Charging Time (100 %): 8 hrs
Environment		
Operating temperature	10 °C ~ 40 °C (50 °F ~ 104 °F)	
Operating humidity	5 ~ 85 %, Non condensing	
Operating atmosphere / Altitude	80 kPa ~ 106 kPa / 2000 m	
Storage temperature	-20 °C ~ 60°C (-4 °F ~ 140 °F) Electrode -10 °C ~ 40°C (14 °F ~ 104 °F)	
Storage humidity	0 ~ 95 %, non-condensing	
Storage atmosphere	70 kPa ~ 106 kPa	
Stimulation		
Output	0.0 mA ~ 10.0 mA (±5%) Maximum RMS Voltage 850 mV * at 500 Ω load	
Pulse width	250 uSec	
Pulse frequencies	120 Hz	
Intensity step	0.1 mA	
Duration	1, 4, 6, 8, 10, 12, 16 hour and UnLimit	
Measurement	±20% at 0.0 mA ~ 0.4 mA to ±5% at 0.5 mA ~ 11.0 mA	

\*Patent for electric stimulator (Patent No. 10-2413785)