



AES

Auditory Electrical Stimulator

Model:

(ETT01)



Tanin Pardaz Pasargad

"Life without disability and pain, for all"





About

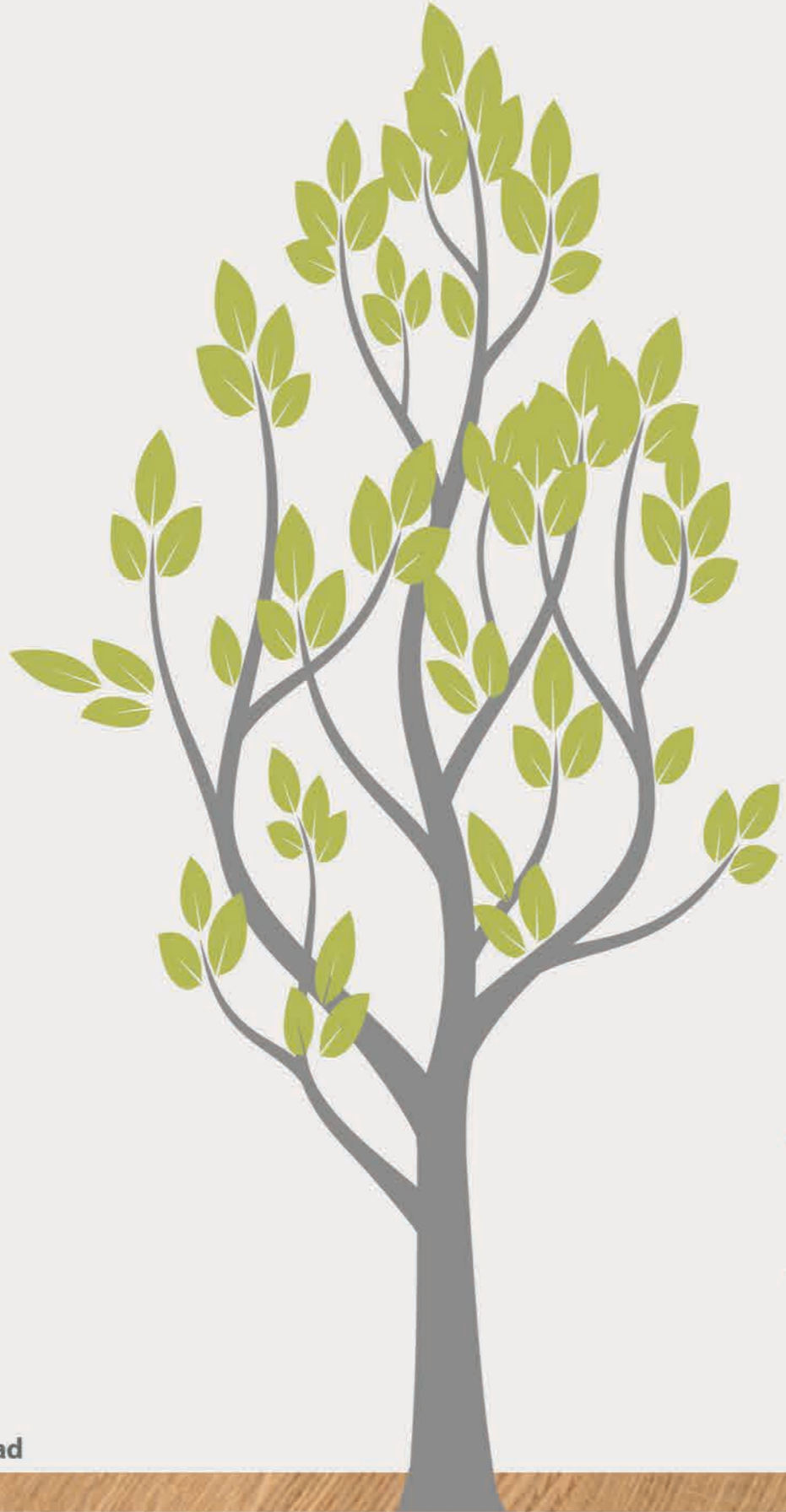
Tanin Pardaz Pasargad

Tanin Pardaz Pasargad is a pioneering knowledge-based company and its main activity is focused on solving hearing problems. with the motto of *"Life without disability and pain, for all"* , we are proud to have taken promising, hopeful, and effective steps to treat patients in this area. The company started its activities in January 2013 and since then always maintained its partnership with the University Research Base to step on the edge of knowledge, consequently, based on the specialized knowledge of electronics, software, and medical engineering, and benefiting from a wide range of specialists in these fields along with collaboration with otolaryngologists, it has fulfilled its responsibilities to date and provided the best answer to the main needs of the target community with a deep understanding of the issue. It would not have been possible to provide this answer without attempt, commitment and hope. Relying on our motivation to treat hearing problems, we have been able to produce cochlear implant systems, electrical and acoustic stimulation systems, and also for expanding the knowledge of the hearing treatment ecosystem, we provided expert consulting and scientific meetings for the community of professionals.

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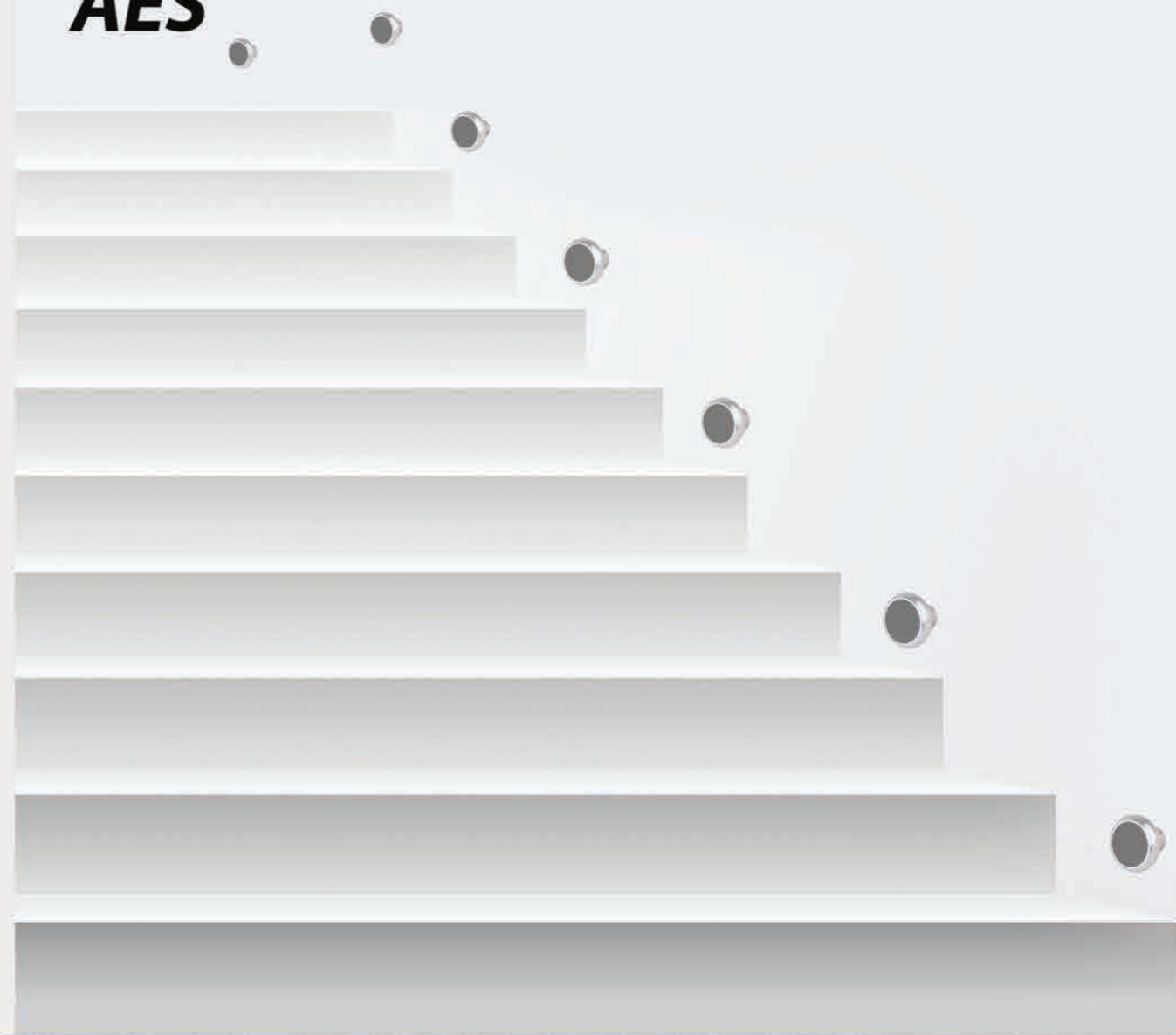
The
Highest
Tecnology



Tanin Pardaz Pasargad

*We are now herewith
"Hope, Attempt, and Experience"*

AES



AES

Auditory Electrical Stimulator



AES device has the capability of producing electrical stimulation with very detailed specific features by its dedicated software. The system software gives the user the ability to perform a wide range of operations in order to accurately producing a desired electrical stimulation simply utilizing software menus and options.



"Life without disability and pain, for all"

Applications

- Transtympanic Promontory Stimulation Test (TPST)
- Auditory processing and speech perception
- Tinnitus management
- Assessment and rehabilitation of vestibular system



Electrodes



Reusable & Disposable Cup Electrodes

- Choice of gold or silver



Reusable Tiptrode Cable

- With single-use gold Tiptrodes

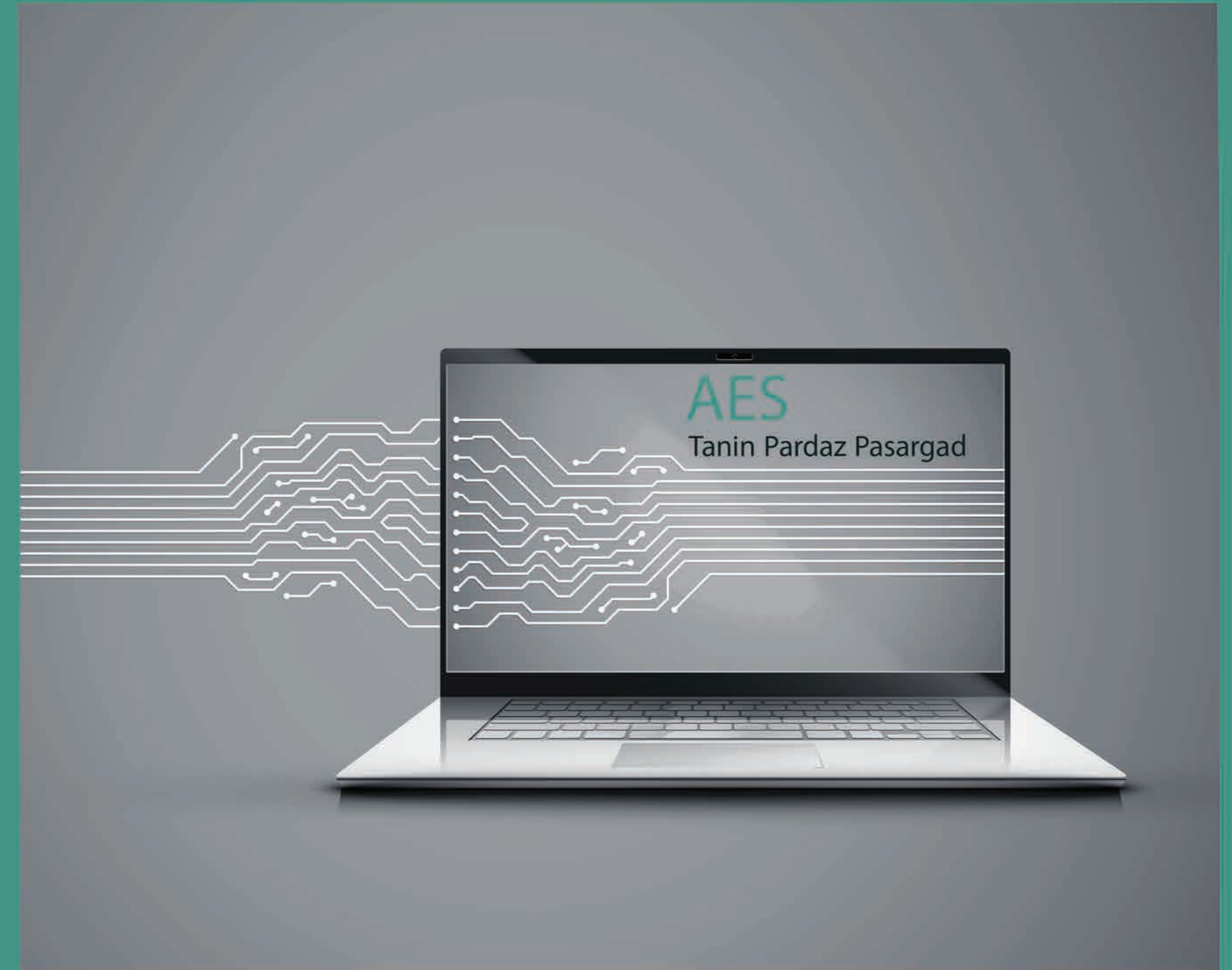
Reusable Snap Lead Electrode

- Designed for use with snap electrodes, or any other kinds of electrodes



Connectivity

Micro USB Port (Power)
RS 232 (UI)



Production license from IMED
(National Medical Device Directorate IR.IRAN)
classified as **Risk Class B.**

- IEC 60601-1
- IEC 60601-1-2
- ISO 13485
- ISO 9001

Standard Approval & Certificate





Technical Data

- Applying current from -5 to +5 mA and frequency bandwidth from 0.05Hz to 20KHz.
- Applying a variety of current waveforms, constant, sine, pulse, or any arbitrary waveform designs.
- Applying customized current waveforms.
- Programming by computer to design new waveforms.
- Real-time monitoring of the changes of the current and the impedance during stimulation.
- Adjusting stimulation time duration.
- Protecting circuits & warning system.
- Saving and Loading dataset (Patient, Treatment session, Stimulation feature).
- Visualizing signals during stimulation.
- Checking connection by showing impedance of tissue.

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