

SUMMARY

DEVICE : ADVINO CURA LASER

FEATURES

- Cures the musculoskeletal pain
- It has laser presence on both the sides of the product for healing at both wider as well as shorter parts.
- It does not have any side effects and is an alternative to painful operations.
- Main feature of it is that it uses both TENS Current and Laser Therapy
 - **TENS Current:** Transcutaneous electrical nerve stimulation (TENS) therapy involves the use of low-voltage electric currents to treat pain. A small device delivers the current at or near nerves. TENS therapy blocks or changes your perception of pain.
 - **Laser Therapy :** LLLT is a non-invasive light source treatment that generates a single wavelength of light. It emits no heat, sound, or vibration. It is also called photobiology or biostimulation. LLLT is believed to affect the function of connective tissue cells (fibroblasts), accelerate connective tissue repair and act as an anti-inflammatory agent. Lasers with different wavelengths, varying from 632 to 904 nm, are used in the treatment of musculoskeletal disorders.
- 2 PCBs are connected with each other via a detachable interface board containing Oled, and some operative buttons.
 - OLED: The acronym 'OLED' stands for Organic Light-Emitting Diode - a technology that uses LEDs in which the light is produced by organic molecules.
- Before manufacturing the whole body of the product PCBs gets tested with below mentioned parameters:
 - Impedance and voltage across:TB_USB_5V
VCC_BAT_Connector J2PIN
TP_3V
 - Impedance across the tranformer.
 - There are several other parameters as well.
- After testing we get the MAC address of that product for future help
- After that the firmware gets installed using “j link” into the product in 2 steps using nRFgo studio.