

Cefar TENS



Product Description

The Cefar TENS is a 2 channel stimulator used by patients at home and therapists in clinics to provide electrical stimulation treatments in pain management (TENS) and neuro muscular stimulation (EMS/NMES).

TENS (Transcutaneous Electrical Nerve Stimulation) uses the nervous system's own pain relief mechanisms to reduce both acute and chronic pain.

Product Features

- **Mains rechargeable Lithium Polymer battery:** Plug your device directly to the mains plug to charge the battery. Fast and complete charge in less than 90 minutes with a battery life of 6 to 10 hours treatment depending on parameters used.
- **1+1 Function:** The Cefar TENS stimulator features 2 independent channels that can be managed separately. Users can select either the same program on both channels, or 2 different programs that can be used simultaneously. This allows treatment of two different body parts, or two patients simultaneously, or combines NMES and TENS as one treatment.
- **Compliance:** Keep track of patients' home treatments by monitoring how many hours of usage since the device was reset, along with total device usage.
- **Painscore:** Record patients' pain score in the stimulator before and after treatment, with a numeric scale (1-10)
- **Locking function:** Lock the program to be sure your patient will only use the appropriate program.
- **Rotatable belt clip:** Turn the belt clip to have the cable outputs on the bottom or on the top depending on the body area to stimulate.
- **Program mode:** Create up to 5 custom programs and select your own parameters.
- **Acupuncture mode:** Select the electro acupuncture mode for clinical use only.
- **3 years warranty**

Preset Programs

P1	Gate Control HF 80Hz
P2	Burst LF 2 Hz
P3	Gate Control HF 80Hz Mod
P4	Gate Control HF 80Hz Sens
P5	Mix 80Hz/2Hz Han
P6	Neuromodulation LF 10Hz
P7	HF Flow Tens
P8	Endorphinic LF 5Hz
P9	Gate Control HF 100Hz
P10	NMES Muscle Stim 50Hz
P11-P15	Custom programs

Technical Information

Model: Cefar TENS

MDD: Class IIa

IP class: IP22

Applied part: Type BF

Battery: Lithium Polymer (Li-Po) rechargeable battery (3.7V 1500 mAh).

Weight: 156g

Dimensions: 132 x 60 x 24 mm

Specification

All electrical specifications are given for an impedance of 1500 ohms per channel for 60mA (1000 ohms for 99.5 mA).

Outputs: Two independent and individually adjustable channels that are electrically isolated from each other.

Pulse shape: Constant asymmetric rectangular current with pulse compensation for TENS programs to eliminate any direct current component to prevent residual polarisation at skin level. Symmetric for P10 NMES Program.

Maximum pulse intensity: 99.5 mA in Constant Current mode or 99 V in Constant Voltage mode for neurostimulation. 30 mA for electroacupuncture.

Pulse intensity increments: Manual adjustment of stimulation intensity from 0 to 99 mA in minimum increments of 0.5 mA for Constant Current Mode, 0 to 99 V in 1 V increments for Constant Voltage mode for electrostimulation (5V for first setp). 0,1 mA – 30mA steps 0,1 mA for electroacupuncture.

Pulse width: 60 to 400 μ s.

Frequency: 1-120 Hz

Maximum electrical charge per pulse: 80 micro coulombs (2 x 40 μ C, compensated)

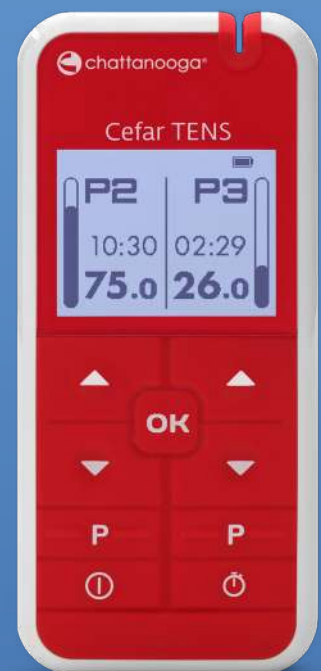
Kit contents

Model: Cefar TENS

Part number: 2053/2061/2075/2094/2106

Quantity	Description	Part number
1	Cefar TENS device	1981
1	Fast charger EU/UK or US	2001 / 2133 or 2145
1	Set of 2 pin cables	1990
1	User manual and practical guide	13-00187 / 13-00189
1	Transportation pouch	2049
1	Necklace and clip	2023
1	Flippable belt clip	2037

Electrodes are considered as optional depending on markets.



Ordering Information

Part Number	Description
2053	Set Cefar TENS EN-FR-NL-DE-ES - Plug EU (France)
2061	Set Cefar TENS SV-NO-DA-FI - Plug EU (Nordic)
2075	Set Cefar TENS EN-FR-NL-DE-ES - Plug EU (DACH/Benelux/Spain)
2094	Set Cefar TENS EN-FR-NL-DE-ES - Plug US (Canada/Export)
2106	Set Cefar TENS EN-FR-NL-DE-ES - Plug UK (UK/Export)

Languages Available

English, French, Dutch, German, Swedish, Norwegian, Finnish, Danish, Spanish.



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