



USER MANUAL
Sweeper CT®

Upgrade your device with Life Commander 4 to version 1.38

Sweeper CT[®]

In a world full of possibilities, we would like to take a moment to thank you for choosing our products.



Do not rush !

Read the instruction manual carefully, even if you are already familiar with a similar product. It is the most advanced device in the industry today in the world for 2023. To ensure your safety and the safety of others, please read this user manual before using the Sweeper CT.

We invite you to the Enso Electronics channel on YouTube and Facebook profile

LIST OF ELEMENTS

1	Device Sweeper CT - 1 pc	6	Hand electrode (steel) - 2 pcs
2	Power Adapter/USB Type-C Cable - 1 pc	7	Gel electrode - 4 pcs
3	LED induction field tester - passive - 1 pc	8	Induction loop - 1 pc
4	User Manual / Supplement - 1 pc		
5	Two-wire cable (R+ L-) - 2 szt R+ (positive polarity) i L- (negative polarity)		

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2



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4



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8



OPTIONAL ACCESSORIES

9	Foot electrode - 2 pcs Banana plug cable	12	Gold-plated electrodes
10	GREY color + (positive polarity) and WHITE color - (negative polarity).	13	Ear electrode
11	Brass electrodes	13	Induction mat (also for animals)

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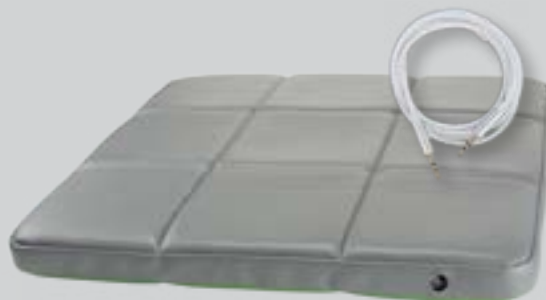
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SWEEPER CT

MODERN FREQUENCY GENERATOR

TRIPLE POWER ACTION

1. Handheld electrodes
2. Foot electrodes
3. Internal or external loop/induction mat

The device can be used by 2 people simultaneously (with 2 programs running at the same time) or can be used in multiple zones simultaneously.

PREPARATION TO WORK

After removing the device from the packaging, please check if there are no mechanical damages on it. After transportation or storage in low temperatures, the device should not be turned on until it has been kept at room temperature for at least two hours.

Make sure that the device is fully charged.

Charging the built-in battery and connecting to a computer is done using a USB-C port.

Make sure that the device and the inductors/cables are not mechanically damaged.

Turn on the device by pressing the button on the back housing for approximately 3 seconds.

Start using the device according to the user manual.

Before using the device, carefully read the user manual.

Important:

The device will also work without an external induction loop/mat connected.

This solution has been implemented so that you can use frequency sessions and be more mobile at the same time. Set up the program and carry the device with you. You can apply the device to the area of pain or discomfort.

Internal induction works up to a distance of 1 meter - to be checked with an active meter.

The included passive tester detects the field up to 8 cm.

(see instructional videos on YouTube).

Remember:

By installing the **Life Commander 4.0** program and connecting the Sweeper CT device to the computer, you can make use of countless **additional programs**, creating your own customized sets to suit your needs and saving them to the device.

I. DEVICE DESCRIPTION

1. GENERAL DESCRIPTION

Sweeper CT is the first professional portable device for home use that includes 2 (two) independently controlled/programmable built-in pulse generators with adjustable frequency and intensity, operating on 2 channels: electric stimulation and a third channel for inductive interaction with a built-in coil and the possibility of connecting an external coil, making it **one of the most convenient devices on the market.**

Note: To learn more, touch your smartphone (**with NFC function**) to the back of the device and follow the link to the Sweeper series support page.

Address: https://www.ensoel.pl/support/sweeper_ct/

Sweeper is a modern, touch-sensitive device that combines electric resonance with a pulsating electromagnetic-inductive field, involving PEMF, allowing for a full range of frequency-based programs. The device has 2 channels for metal or gel electrodes, as well as a channel for an induction loop, which enables the removal of defects from the body and the strengthening and stimulation of individual organs to activate them along with the body's entire energy system.

For convenience, the device has a built-in memory that stores 633 accurately tested programs, the most frequently used ones (described in the supplement) that generate frequencies. In the sessions visible in the MENU under the symbol "S" (quick access buttons), users can quickly save programs selected from the BASE CATALOG. This is called quick START. With the use of additional software, Life Commander 4, users have access to several thousand additional programs. The additional software (Life Commander) also allows for the creation of millions of programs. This software also provides access to a generator, where users can create personalized sets of session programs and operate simultaneously with 2 channels (circuits), each emitting different frequency ranges at the same time.

A) It has two independently operating channels:

Channel 1 (LEFT) with electrode output (range from 1 to 8,000,000 Hz) and modulation option to one channel.

Channel 2 (RIGHT) with electrode output (range from 1 to 8,000,000 Hz). Without this channel and range, it would be impossible to use many advanced functions.

B) Induction Channel - a source of low-intensity electromagnetic field (range from 1 to 100,000 Hz).

The induction channel exists in two variations:

1. Internal built-in inductor
2. Output (UPPER) switches automatically when the plug is inserted into the upper socket. The output operates independently or synchronously with the right channel.

MODES OF OPERATION:

1. Generator with contact electrodes: manual and/or foot, gel, ear separately or simultaneously (blade electrodes - optional) and with internal induction, which operates automatically when any program is started.
2. Generator with connected external induction loop/mat.
3. Generator with internal induction.
4. Generator with electrodes (manual, blade) and external or internal induction.

However, the combination of electrodes with induction is the most effective.

The built-in memory of the device is divided into:

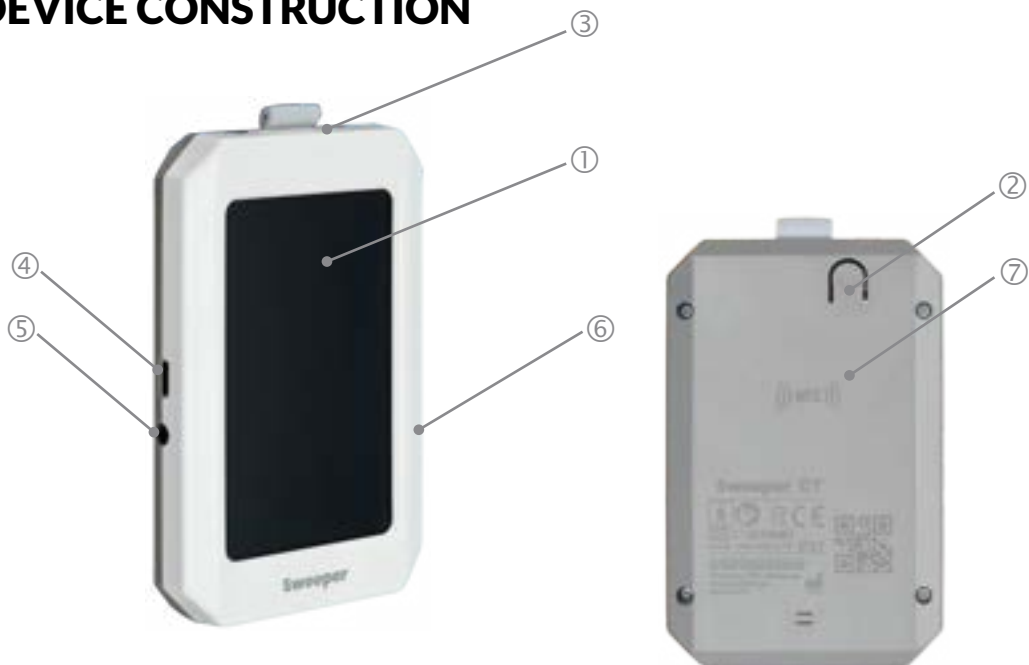
- Read-only memory (ROM), where factory programs generating frequencies are stored;
- Multiple write memory for programs created by the user using appropriate software.

2. TECHNICAL DATA

PARAMETER	VALUE
Power consumption: in standby mode in generation mode	no more than - 140 mA no more than - 700 mA
Number of Channels: For electrodes: For an induction coil:	2 independently 1
Range of generated frequencies: Channel 1 and 2 - Electrodes	from 0,01 Hz to 8 Mhz
Range of generated internal and external induction frequencies (loop / inductive mat)	from 0,01 Hz to 100 000 Hz
Output amplitude adjustment on channels 1 and 2 (synchronous)	from 5 to 28 V (10 stopni).
Channel 1 output signal polarity	positive, negative, bipolar.

PARAMETER	VALUE
Channel 1 can be modulated	YES
Modulation (for electrode generator)	To 8 000 000 Hz (8 Mhz)
Frequency Setting Accuracy:	± 0,01 Hz
Distance range (with active tester)	about 1 m
Touch screen display resolution.	420 x 800 px (4")
Device internal memory	128 MB (expandable)
Dimensions	120 x 77 x 19mm
Weight without packaging, (with packaging)	0,140 kg (0,897 kg)
The time of continuous operation of the device*	8 hours (high frequencies on the induction channel significantly reduce battery life).
Powered by built-in battery	Capacity: 2000 mAh - 3,7 V
Battery charging	Through the USB-C port
Communication with the computer	Through the USB-C port
* At an intensity level not exceeding the average and normal frequency distribution in a standard load (50-100 kΩ).	
The battery life is not less than 500 charging cycles.	

3. DEVICE CONSTRUCTION



LEGENDA:

- 1 LCD touchscreen display (liquid crystal)
- 2 Device power button - ON/OFF (hardware)
- 3 Input for external inductor (loop/inductive mat)
- 4 UUSB-C socket used for: battery charging, device updating, and saving programs from the Life Commander 4 software.
- 5 Channel 1 socket for connecting electrodes on the left side.
- 6 Channel 2 socket for connecting electrodes on the right side.
- 7 NFC code - link to the online electronic manual https://www.ensoel.pl/support/sweeper_ct/

The producer reserves the right to make changes to the configuration in order to improve the quality and functionality, without compromising the quality or ease of use of the device.

VOICE COMMUNICATIONS

The device informs about performed actions or faults with the following voice messages:







1. **Device is ready to work** - means starting up the device.
 2. **Program has started** - informs about the start of the program
 3. **First circuit interrupted** - Channel 1 interrupted..
It is necessary to check if the metal electrodes are properly connected.
 - Second circuit interrupted** - Channel 2 interrupted.
It is necessary to check if the metal electrodes are properly connected.
The circuit may be interrupted due to excessively dry hands or feet. See page 32.
 4. **Program suspended** - means the program has been suspended after pressing the "pause" symbol.
 5. **Program continuation** - means starting the program after pressing the symbol or properly connecting the electrodes to the circuit.
 6. **Battery low** - means the need to recharge the battery.
 7. **Program finished** - indicates the end of the program
- NOTE - Buttons do not work during voice messages.**




4. INTERFACE DESIGN

SYMBOLS THAT APPEAR ON THE DISPLAY IN THE RUN WINDOW (PROGRAM OPERATIONS)

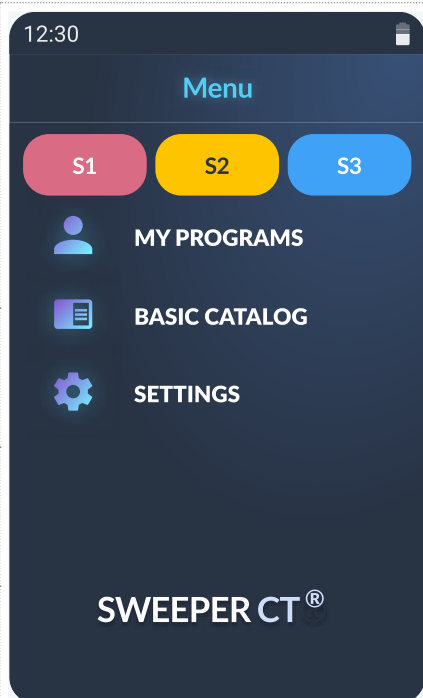


ICON	DESCRIPTION
	CLOCK Displaying the internal clock of the device in a 24-hour mode. By setting the clock, you can use the Automatic session start mode, for example, in the morning before getting out of bed / reminders at specific times in the PROGRAM LAUNCH window (with arrows) .
	Channel 1 LEFT - white color: Inactive - green color: Active
	Channel 2 RIGHT - white color: Inactive - green color: Active

ICON	DESCRIPTION
	<p>Internal Inductor (built-in) operating status icon</p> <ul style="list-style-type: none"> - white color: Inactive - green color: Active - red color: Induction cannot reproduce a given frequency.
	<p>The status icon of the External Inductor - Loop / Inductive mat.</p> <ul style="list-style-type: none"> - white color: Inactive - green color: Active - red color: Induction cannot reproduce a given frequency.
	<p>Positive polarity (+)</p> <p>This is the default setting. It is traditionally used and proven by Hulda Clark. In scientific literature, it refers to the use of positive electric voltage to reduce pain or improve muscle function. Positive polarity is often used to increase blood flow and improve muscle function. See QUICK START.</p> <ul style="list-style-type: none"> - white color: Inactive - green color: Active
	<p>Negative polarity (-)</p> <p>Setting up this function requires the Life Commander 4 program. It refers to the use of negative electrical voltage to stimulate or enhance muscles. It is used to reduce muscle contraction and increase their flexibility. See QUICK START.</p> <ul style="list-style-type: none"> - white color: Inactive - green color: Active
	<p>Bipolar polarity (+/-)</p> <p>Setting up this function requires the Life Commander 4 program. It is essential for individuals with low energy levels. In the case of long sessions, it is invaluable. It helps minimize user polarity reversal.</p>
	<p>According to the principles developed by Hulda Clark, for each individual program, it was necessary to remember to manually replace the electrodes alternately.</p> <p>Example:</p> <p>Program 1 - Left hand holds positive (+) electrode The right hand holds the negative (-) electrode.</p> <p>Program 2 - Left hand holds negative (-) electrode The right hand holds the positive (+) electrode.</p> <p>Program 3 - Left hand holds positive (+) electrode The right hand holds the negative (-) electrode.</p> <p>Program 4 - Left hand holding negative (-) electrode The right hand holds the positive (+) electrode.</p>

ICON	DESCRIPTION
	<p>This is the first "zapper" device in the world to have this functionality. Without the automation of this function, the work becomes tedious. Each time, you have to remember to manually switch the electrodes and keep that in mind. This function automates this process. From now on, by using it, you don't have to remember about polarity and worry about it anymore.</p> <p>Markings on wires: R (positive polarity +) / L (negative polarity -) or GRAY color + (positive polarity) / WHITE color - (negative polarity).</p>
	<p>Modulation Setting up this function and using multiple types of modulation requires the Life Commander 4 program. - white color: Inactive - green color: Active</p>
	<p>Sweeping frequency. Setting this function requires the Life Commander 4 software. It extends the frequency range by a certain number of frequencies in case of microbial resistance. - white color: Inactive - green color: Active</p>
	<p>Battery status icon If the battery is completely discharged, the device will display a message. Before the device restarts, you should charge it for at least 10 minutes.</p>

MAIN WINDOW



HOW TO DELETE SESSIONS/PROGRAMS?

Swipe left or right with your finger to delete SESSIONS, programs within sessions, or MY PROGRAMS. To delete programs, they must be unselected (white in color).

You can also remove it using the LIFE COMMANDER 4 program.

MODULE OF 5 QUICK ACCESS BUTTONS, SESSIONS ("tablets") S1, S2, S3, S4, S5

In order to save time: selected programs from the **Basic Catalog** can be added to the 5 sessions with division, for example: S1 as the "morning program," S2 as the "evening program," or assign sessions to individual individuals.

From the **Life Commander 4** platform, we can also **ADD** programs directly to sessions or **SAVE** them from the device to the Life Commander program in the Archive for future use.

MY PROGRAMS

For time saving and ease of working with the device, we can directly add selected programs from the **Basic Catalog** or from the Life Commander 4 program to the **My Programs** catalog.

BASIC CATALOG

Basic database of perfectly matched 633 programs that are located within the device. Sufficient for most standard applications.

SETTINGS (available functions)

CHOICE OF LANGUAGE | Choose your native language.

SOUND & LIGHT | Here you can set the sound volume or mute it completely. You will also find the display brightness setting here. note: **The brighter the screen, the shorter the battery life will be. If you want your device to run as long as possible, lower the brightness.** This also applies to sound.

TIME SETTING - CLOCK. To set the current time. Necessary for automatic start / reminder of the session - at predetermined times.

The Sweeper CT® logo can be used to turn off the device by pressing it for 3 seconds.

A passive tester is built in resonance with a testing program.

If there is often a message about a lack of circuit continuity on a particular channel (switch to gel electrodes mode).

After activating the screen saver, the device enters the energy-saving mode to conserve power.

INDUCTOR TEST | Because the passive induction tester (white round plate with an LED) attached to the device cannot accurately display the presence of induction across the device's entire frequency range due to the limitations of the laws of physics, this option has been added to the Settings menu. When the TEST button is pressed, the device will emit a test signal at a test frequency through the built-in inductor (or if a loop or mat is connected, through them). If you bring the tester close to the device while the internal inductor is active, or close to the loop or mat if they are connected, you may see the LED on the tester light up, indicating that the induction channel is functioning properly. If you try to check for induction when other programs are running, you may not see anything. This is normal.

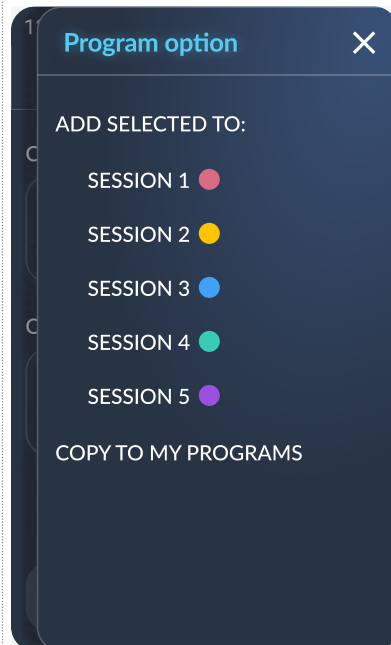
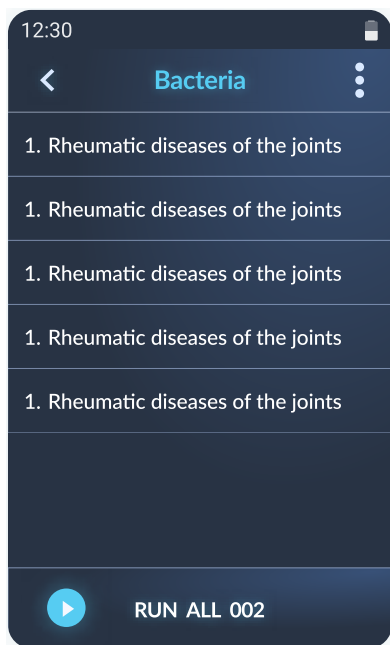
INFORMATION | You will find the device version number and the amount of occupied memory here. The user name - you can enter it in the LIFE COMMANDER 4 program.

ADDITIONAL SETTINGS GEL (ELECTRODES) | Setting for gel electrodes and ear electrodes to disable automatic circuit continuity testing during program execution. This function is used in many cases. It is not always possible to guarantee that the circuit testing function will work perfectly for different types of materials, electrodes, and skin types (dryness). Here, the laws of physics also come into play.

SCREEN - SCREEN ORIENTATION | Setting the window orientation of programs to either vertical or horizontal (by default).

SCREEN - „MODE POCKET” | It allows keeping the device literally in the pocket. In this mode, the screen lock is enabled. The "screen saver mode" can be activated only after 3 quick taps on the screen.

ADDING PROGRAMS FROM THE BASE CATALOG TO THE SESSION OR MY PROGRAMS



Selected programs can be added to **SESSION** or **MY PROGRAMS** menu from the Base Directory.

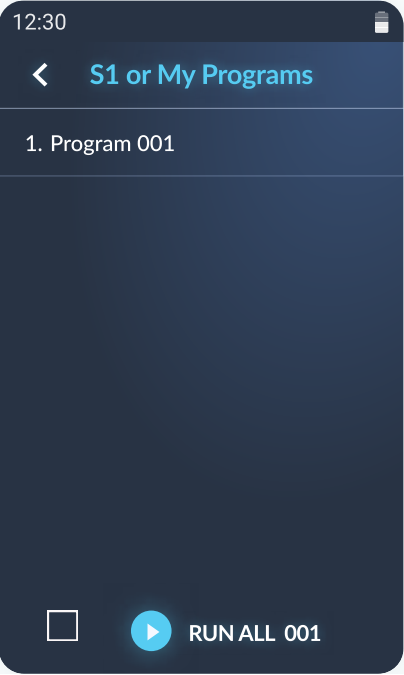


My programs - a place where you can save your personal set of programs.

If the session was "grayed out" it means that it was not created. If any programs were previously saved in the session, a prompt will appear: "Do you want to add programs to the remaining programs in the session?" or "Do you want to completely replace programs in the session with new ones?"

ADDING - adds selected programs to the existing programs without removing them.

REPLACEMENT - removes previous programs that existed in the session and replaces them with the currently added ones.

SESSION WINDOW OR MY PROGRAMS

		<p>Icon for selecting or deselecting all programs in SESSION or in MY PROGRAMS.</p>
	<p>RUN icon - Moves to the PROGRAM LAUNCH WINDOW with the TESTER. The numbers on the right side indicate how many programs have been selected/checked.</p>	

WINDOW FOR STARTING PROGRAMS WITH THE TESTER



This window provides us with TWO IMPORTANT PIECES OF INFORMATION.

1. **White arrows (in previous versions they were red)** - they inform us about the channels used in a given session or program, and to which sockets the electrodes should be connected (on the left or right side, which are used in the given session), or the loop/induction mat (from the top).
2. **Green arrows** (circuit check) - after connecting the electrodes to the sockets and holding them in our hands, they indicate that the circuit is correct. This means that the cables are good and the connection is proper.

NOTE: Automatic circuit continuity check only works for metal hand and foot electrodes. For gel or ear electrodes, the automatic circuit continuity check does not work. In this case, to ensure that the wire is good, we can only briefly short-circuit the electrodes to check conductivity.

When using gel or ear electrodes, you should go to SETTINGS and enable the "**gel electrodes**" mode. The device will not notify you of electrode disconnection, allowing you to work without a circuit continuity message.



Return icon - exits the window. It is active only when the program is paused.



Clock icon (REMINDER) also reminds us at what time to start the program. By pressing it, we can set the time at which the program will start.

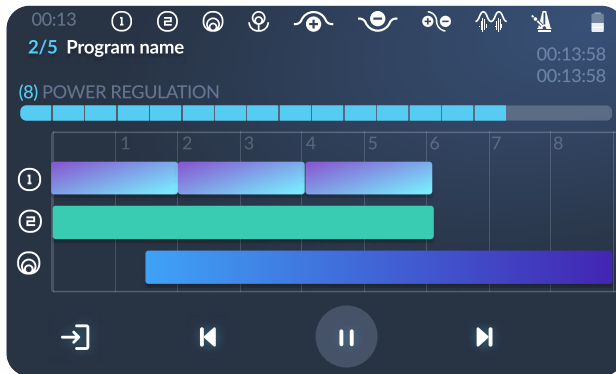


START icon. Transitions to the WORK PROGRAM window.



GEL icon. An icon indicating that the "gel electrode" mode is enabled on channel 1, 2, or both. In this mode, the device has continuity control turned off.

WORKING WINDOW (PROGRAM OPERATION) - HORIZONTAL



Changing to vertical orientation is possible in: SETTINGS -> SCREEN -> SCREEN ORIENTATION

NOTE: During the operation in this window, you should not plug or unplug any connectors into sockets.



Exit program. During program execution, the function is blocked. It can only be used after STOPPING the program by pressing PAUSE. After finishing the program, the button enables exiting the program's workspace window.



Scrolling through programs in the set. Only in pause mode (program pause).


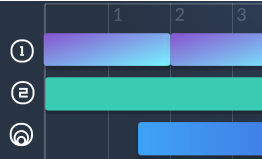
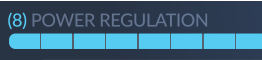


Pause or Start program. **If the screen is not touch-sensitive, after 30 seconds to increase battery life, the screen saver is activated, which displays the remaining session time on a black background.** To exit this mode, touch the screen once, and in "pocket mode," touch it three times.



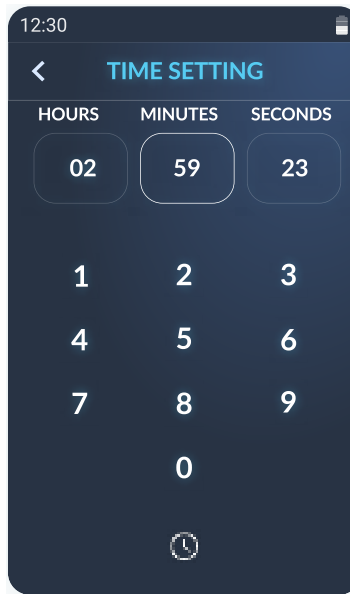
The number of programs. For example: 2/5 means that there are 5 programs in the set and the device is currently running the second program out of five (2 out of 5).

Next to it, the name of the CURRENT PROGRAM is displayed.

	<p>The upper time shows how much time is left until the end of the program. The lower time shows how much time is left until the end of the set time.</p>
	<p>The strip on the channels shows each individual frequency and its duration in seconds.</p>
	<p>ADJUSTING ACTIVITY INTENSITY. Here you can adjust the intensity on a scale from 1 to 10 units.</p> <p>RULES FOR ADJUSTING ACTIVITY INTENSITY: Adjusting the intensity should be done on an individual basis in each case. Start by setting the intensity to a level where you feel a slight current (tingling), and then decrease it by 1-2 units or more until you no longer feel the current. It is recommended to perform the entire session in a way that you do not "feel" the current</p>

Attention: After starting the device, if there is no active session or if the screen is not touched for 3 minutes, the device will turn off.

DELAYED PROGRAM START - REMINDER



REMINDER

Function of automatically starting programs at a set time.



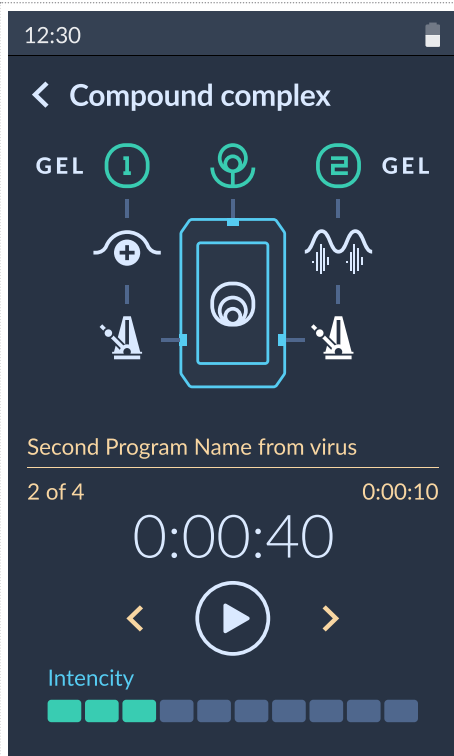
After pressing the clock icon (reminder), a window for setting the time appears. Select the hour at which the device should automatically turn on.

After pressing the clock icon again, the device goes into sleep mode. If you press the ON/OFF button on the display, a message with the question will appear:

Do you want to start the program?
Choose NO or START.

After pressing the START button, the program immediately starts in the program workspace window.

WORKING WINDOW (PROGRAM OPERATION) - VERTICAL



During work in this window, it is not advisable to plug and unplug electrodes from sockets.

The vertical screen position allows us to monitor whether the gel electrode mode is activated or not during program operation.

In this location, you can also enable or disable the "gel electrode" mode by pressing the GEL icon(s).

GEL ① - channel 1

GEL ② - channel 2

SYMBOLS APPEARING DURING OPERATION IN VERTICAL MODE





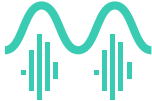









INTENSITY ADJUSTMENT

The intensity can be adjusted on a scale from 1 to 10 units.

GUIDELINES FOR SETTING INTENSITY ADJUSTMENT:

The adjustment should be made individually in each case. First, set the adjustment so that you feel a slight current, and then decrease it by 1-2 units or more until you no longer feel any sensation or tingling. It is recommended to perform the entire session in a way that you do not "feel" the current.

	<p>Set control buttons. START / PAUSE. Arrows <> - scroll programs left or right. Works only during PAUSE (program stop)</p>
<p>Second Program Name from virus 2 of 4 0:00:10 0:00:40</p>	<p>Name of the currently running program. Program in set 2 out of 4. Elapsed time of the current program. Large white numbers: elapsed time of the entire SET.</p>
	<p>Channel 1 LEFT Channel 2 RIGHT - white color (earlier blue versions): Inactive - green color: Active</p>
	<p>Ikona stanu pracy Induktora wewnętrznego (wbudowanego w urządzenie) - white color (earlier blue versions): Inactive - green color: Active - red color: Induction cannot reproduce the given frequency.</p>
	<p>Ikona stanu pracy Induktora zewnętrznego - Pętli / Maty indukcyjnej. - white color (earlier blue versions): Inactive - green color: Active - red color: Induction cannot reproduce the given frequency.</p>
	<p>Modulation Setting up this function and using more types of modulation requires the Life Commander 4 program. - white color (earlier blue versions): Inactive - green color: Active</p>
	<p>Bipolar polarity (+/-) Setting up this function requires the Life Commander 4 program. It is especially useful for people with low energy levels. In the case of long sessions, it is irreplaceable. It helps minimize the polarization shift of the user. See description on page 20.. - white color (earlier blue versions): Inactive - green color: Active</p>
	<p>Negative polarity (-) Setting up this function requires the Life Commander 4 program. It relates to the use of negative electrical voltage to stimulate or enhance muscles. It is used to reduce muscle contraction and increase their flexibility. See QUICK START. - white color (earlier blue versions): Inactive - green color: Active</p>

	<p>Positive polarity (+) This is the default setting. Classically used and tested by Hulda Clark. It refers to the use of positive electrical voltage to combat pain or improve muscle function. Positive polarity is often used to increase blood flow and improve muscle function. See QUICK START.</p> <ul style="list-style-type: none"> - white color (earlier blue versions): Inactive - green color: Active
	<p>Frequency sweeping. Setting this function requires Life Commander 4 software. It expands the frequency range by a set amount in case of microbial resistance.</p> <ul style="list-style-type: none"> - white color (earlier blue versions): Inactive - green color: Active
	<p>GEL icon. An icon indicating that the "Gel Electrode" mode is enabled on channel 1, 2, or both. In this mode, the device has continuity control disabled. Additionally, if needed, you can enable or disable the Gel Electrode mode directly in this window without going to SETTINGS ADDITIONAL SETTINGS Gel Electrodes.</p> <ul style="list-style-type: none"> - white color (earlier blue versions): Inactive - green color: Active
	<p>Battery status icon If the battery is completely discharged, the device will display a message. Before the device restarts, it should be charged for at least 10 minutes with the device turned on.</p>
	<p>CLOCK Displaying the device's internal clock in 24-hour mode. By setting the clock, you can use the Automatic session start mode, for example, in the morning before getting out of bed / reminders at specific times in the PROGRAM START window (with arrows).</p>

5. DEVICE / FIRMWARE UPDATE

To update the FIRMWARE, there is no need to send the device to the SERVICE. The device has the option of updating the FIRMWARE online using the LIFE COMMANDER 4 program, which also expands the device's capabilities to construct custom advanced control programs or additional programs provided with the Life Commander program.

INSTRUCTIONS FOR UPGRADING THE SOFTWARE WITH THE (OPTIONAL) SOFTWARE LIFE COMMANDER LC 4.0

1. Install LC 4.0 program on your computer from the link you will receive by email. The program should automatically launch after installation.
2. If it doesn't, open the icon on your computer desktop. If your Windows system blocks the installation operation, click on More information and then Run anyway. Only then will the installation begin.
3. After opening the program, click on SETTINGS.
4. Start Sweeper CT and connect it to your computer using a USB cable. The computer system will detect the newly connected device and configure it. A message will appear. In the bottom left corner of the computer, a window will appear with the following message: Device ready.
5. The option for Firmware Update in Life Commander 4.0 program will also become active.
6. Press Firmware Update. A bar will appear at the bottom of the screen with the information: Device update available, e.g. 1.32. Do you want to update? Click on OK.
7. Then, an uninstallation information will appear. Press OK. You will hear a sound notification. Now, hold the power button of the device for a few seconds.
8. There will be information about uploading the program and successful installation.
9. Disconnect the device from the USB cable. Check if the device's welcome screen displays a newer version of the software than before. After the update, you will not lose your database of created sets in LC 4.0 and in the device. However, remember to transfer the customer's set database to the Archive on your computer.
10. If there are no new updates, the message "No new updates found" will appear after pressing "Update firmware" at the bottom of the screen.

11. After the update, you will not lose your database of created sets in the device and in the Life Commander 4.0 program. However, remember to transfer the customer's set database to your Archive on the computer.

6. CONTRAINDICATIONS

Absolute contraindications include having a pacemaker or other electronic implants, cochlear implants, or mechanical heart valves implanted, as the electromagnetic field generated by the device may interfere with or disrupt their functionality. Impulse electromagnetic fields are also contraindicated in patients who have undergone organ transplantation due to the potential risk of impacting the immunosuppression/rejection process.

Relative contraindications (unless otherwise recommended by a specialist) include::

- malignant and benign tumors,
- epilepsy,
- Graves' disease
- pregnancy (The safety of pulsating electromagnetic fields during pregnancy has not been established, although there is no evidence of harm. We do not recommend using Sweeper CT during pregnancy.)
- acute coronary and cerebral circulation disorders,
- blood clotting disorders, bleeding
- individual sensitivity to the effects of electromagnetic radiation,
- skin damage and diseases at the electrode contact areas,
- state of acute mental agitation and alcohol intoxication,
- not recommended for children under 3 years of age.
- do not place electrodes in a way that the current would pass through the heart,
- do not place electrodes directly on the eyes, covering the mouth,
- do not place electrodes on the front of the neck (around the carotid artery), on the chest, and lower back.

7. SAFETY NOTES

WARNING

When running programs with high frequencies, especially on induction, the device may heat up during long periods of use. Limit the duration of running such programs. Do not use the device while it is being charged.

Protect the electrical outlets of the generator from coming into contact with external loads having a resistance exceeding 10 k Ω , such as containers with liquid. The device is manufactured in accordance with the requirements for products with internal power sources set by IEC 601-1-88.

Important recommendations for users:

- By detecting any irregularities in the device's operation, immediately turn it off.
- Do not use the device with a damaged casing or display.
- Do not expose the device to fire, leave it near a hot oven, mechanically break or cut the device or batteries, as it may cause an explosion.
- Do not expose the device to extremely high temperatures or prolonged exposure to sunlight, as it may cause an explosion or leakage of flammable liquid or gas.
- Keep the device out of reach of children.
- Do not use the device in the bathroom or in humid environments. In a humid climate, properly protect the device.
- Children are only permitted to use the device under adult supervision.
- Children should not play with the device and should not clean or maintain any device without supervision.
- Do not place the device in a microwave.
- Do not disassemble the device.
- Do not immerse the device in water.
- The device can be used by individuals with limited physical, sensory, or cognitive abilities, or lack of experience and knowledge if they are supervised or familiar with safe operation instructions of the device and understand the associated risks.
- Do not allow the device to fall on a hard surface or let anything fall on it.
- Do not forcefully remove cords from the device sockets.
- Protect the device from sudden temperature changes.
- Do not clean the external parts of the device with solvents or abrasive materials.
- Do not expose the device to very low air pressure as it may cause an explosion or leakage of flammable liquid or gas.
- Do not use the device near flammable gases (e.g. anesthetics) or in an oxygen-enriched environment.

- Do not use the device while operating a motor vehicle or operating heavy machinery. Immediately after use, your ability to operate may be limited.
- If you have a problem with the device, turn it off immediately and contact the service center.
- Do not unplug during program operation.
- Protect electrode, loop, and charging ports (USB-C) from water and other liquids.
- Using accessories or cables other than those provided by the manufacturer may result in increased high-frequency emissions or reduced device resistance to interference or inefficiency.
- Do not use damaged cables/wires.
- The device is intended for use only with the accessories provided in the set and optionally in conjunction with a dedicated program.
- To protect the device and accessories from pollution and damage, store them away from children, dust, sunlight, moisture, pets, and pests.
- The device can only be used with the wires and electrodes provided in the kit. The use of other accessories, wires, or electrodes may result in increased magnetic field emission, signal interference, or reduced electromagnetic compatibility, which may cause incorrect device operation.
- Do not use or store the device near other devices due to the risk of improper operation. If using the device under such conditions is necessary, both the device and other devices should be monitored for proper operation.
- Placing electrodes on the chest may increase the risk of ventricular fibrillation.
- Do not apply the device on the hands of individuals using a defibrillator or pacemaker. In such individuals, electrodes should be applied to the soles of the feet.
- Do not use the device in metal-enclosed areas, such as hospital intensive care units, airplanes, or places where the use of cellular phones is prohibited.
- The device generates a high frequency. Communication devices using high frequencies, such as mobile phones, can affect the operation of electrical devices. They can also affect the Sweeper CT device. Therefore, it is recommended to keep a safe distance (30 cm) from the device itself, accessory cables, and devices generating high frequencies. Do not connect the device to such devices and do not place it next to other electrical devices.
- If irritation, allergic reactions, or burns occur at the skin contact sites with the electrodes, discontinue use and remove the electrodes, then contact the seller. Pay attention when using current stimulation with an intensity higher than 2 mA (ear electrodes) or 4 mA (surface electrodes). Touchable parts may cause potential allergic reactions.

BATTERY:

- The device contains a non-removable battery. (The battery can only be replaced at a licensed service center). It requires periodic recharging – even if you are not using the device. It is

recommended to charge the battery before first use.

- For charging the device, it is recommended to use the cable and factory charger provided with the device (5V DC voltage with a minimum current of 1A). The charger should not have a fast charging mode, which is currently used in smartphones.
- You can also use a USB port on a computer or laptop for charging, provided that the minimum current is 500mA.
- If the device indicates the need for recharging the built-in battery, it is necessary to recharge the device and under no circumstances should you repeatedly attempt to turn it on. This can damage the battery itself.
- If the battery is completely discharged, the device will display a message. Before the device restarts, it is necessary to partially charge the device for at least 10 minutes. Attempting to turn on the device multiple times with a discharged battery can damage the battery itself.

During the generation of high frequencies, there is an increased power consumption, leading to a shorter device operating time on a single battery charge.

- Do not use the device while it is being charged.
- Do not attempt to replace the Sweeper CT battery or disassemble the device by yourself - you may damage the battery, which could result in explosion and/or injuries. It will also void the manufacturer's warranty.

If the battery reaches a minimum level, the device will display a message that it will shut down and that the device needs to be connected to charging for at least 10 minutes with the device turned on.

THE BATTERY IS DISCHARGED

CONNECT THE DEVICE TO
THE CHARGER

THE DEVICE WILL TURN OFF
AUTOMATICALLY
AFTER 10 SECONDS



II. WORKING WITH THE DEVICE

The Sweeper CT is controlled using a touch screen without any buttons. You only need a USB cable when you want to save created programs in the device's memory using external software or when you need to charge the device's battery. To quickly start working with the device, familiarize yourself with the QUICK START section at the very beginning of this manual.

1. MAINTENANCE, CLEANING

Device maintenance

When cleaning external parts, do not use solvents or abrasive materials.

If necessary, the device's surface can be disinfected with a three-percent hydrogen peroxide solution mixed in equal proportions with a 0.5 percent detergent solution or a 1 percent chloramine solution.

Electrode maintenance

1. Metal electrodes

Brass electrodes oxidize and darken during multiple uses and disinfection, which can result in a lack of circuit continuity message. They should be disinfected using ethanol-based solutions for surgical and hygienic disinfection of metal surfaces, which have bactericidal, fungicidal, mycobactericidal, and virucidal properties. If the color of brass electrodes changes to gray, their original color can be restored by using metal polishing paste for cleaning, followed by disinfection using a disinfectant solution. CIF is also effective. Remember to disinfect the electrodes after applying the metal cleaner.

There is no tarnish on stainless steel electrodes.

2. Gel electrodes (self-adhesive) with a reusable clip.

Remember:

- Never place electrodes near the carotid artery or on open wounds.

Self-adhesive gel electrodes should be applied to clean skin in areas:

Without hair, skin conditions, skin irritations, redness, abrasions, scars, folds, bony prominences, and without proximity to metal prosthetics. They can be used multiple times until the gel no longer adheres to the skin surface. Do not use electrodes on other people's skin or on individuals with contact allergies, pacemakers, epilepsy, or pregnant women.

- Do not use electrodes if there are visible damages to the wire or electrodes with dried and non-uniform gel, other gel changes, or when the electrode's adhesion to the skin is incomplete or unstable.

Legal disclaimer: The information comes from the electrode manufacturer. ENSO Electronics Ltd. is not responsible for its content.

Usage Tips:

Before use, check if the gel is undamaged. If the packaging is compromised, do not use the electrodes. Clean and dry the application site. If using alcohol for cleaning, make sure it has completely evaporated or dried before applying the electrodes.

Avoid using solvents that may cause weak adhesion of the electrodes and irritation of the skin. Do not exceed a power of 0.1 watts/cm. **Check if the electrode adheres perfectly to the skin surface, as limited contact may cause the current to concentrate in one point, potentially causing discomfort or burns.** Then immediately stop. If there is a problem with adhesion, rub one or two drops of water onto the gel surface.

Always choose the lowest energy level possible. If you need to increase your energy, check the tips above. The electrodes can be gently peeled off by lifting them from one of the corners. If done forcefully, it may result in skin injury. Do not pull on the connection part of the wire. Store the electrodes at a temperature between 5 °C and 35 °C with a relative humidity of 20% to 80%. Do not use after the expiration date.

3. Ear electrodes.

Usage Tips:

ATTENTION: Use the minimum intensity of 1 for ear electrodes.

Due to a very small contact area, use them with the least amount of force possible.

Excessive current intensity may cause dizziness or nausea, discomfort such as tingling, burning, or pain. You should immediately stop or reduce the power to alleviate the symptoms.

When using ear electrodes, mood swings (feelings of heaviness or lightness) may occur. Continue sessions for a few minutes until you feel normal. If unpleasant symptoms persist after a few minutes, the procedure should be immediately stopped and contact the therapist. It is then worth checking the contacts. Do not use them within three hours of bedtime. Do not use the same pair of electrodes for other reasons of hygiene.

You can store them at temperatures ranging from -20°C to 70°C and humidity levels from 15% to 93%.

Initial sessions can be repeated daily for most symptoms, and then every two days or once a week.








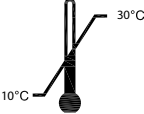




Cleaning ear electrodes (once a week):

Add a small amount of mild detergent to warm water. Clean the electrodes with the prepared solution using a soft cloth or sponge, and then rinse. Do not immerse the electrodes in liquid. Disinfection should be done using a soft cloth or tissue as needed every two weeks.

2. CLIMATIC CONDITIONS DURING USE

The recommended ambient temperature ranges from +10 degrees Celsius to +30 degrees Celsius. The highest air humidity at which the device can operate is 80% at a temperature of +25 degrees Celsius. The atmospheric pressure at which the device can operate is 620–800 mm of mercury (84–106.7 MPa). Do not use Sweeper CT near water or while you are in water. Sweeper CT is not water-proof, but it can be wiped with a damp cloth for cleaning.

3. SYMBOLS AND ICONS USED

	<p>Manufacturer</p>		<p>Read the instruction manual before use.</p>
	<p>Compatible with the regulations</p>		<p>Electronic waste - do not throw away. Recycle according to applicable laws or contact an authorized retailer or manufacturer.</p>
	<p>BF type part used</p>		<p>Caution: Read the instructions before use. Follow the safety notes in this manual.</p>
	<p>Serial number</p>		<p>Temperature restrictions</p>
	<p>Follow the instruction manual</p>		<p>Keep the device away from a heat source.</p>
	<p>Symbol recycling</p>		<p>Store in a dry place.</p>
<p>IP21</p>	<p>Resistant to vertically falling water drops (condensation)</p>		

III. MANUFACTURER'S WARRANTY TERMS

1. MANUFACTURER'S WARRANTY

1. The company producing the device guarantees that it meets the technical requirements, provided that the user adheres to the operating, transportation, and storage conditions.
2. The warranty for the device is valid for 24 months from the date of purchase (including the battery). The warranty for the cables is valid for 6 months.
3. During the warranty period, the manufacturer will replace or repair any damaged device, upon presentation of the warranty card.
4. The warranty does not cover any mechanical damage or if the device has been opened during the warranty period.
5. The warranty does not cover ear electrodes or gel electrodes, as they are subject to natural wear and tear.

The WARRANTY card is attached to the manual.

2. DATA FOR A COMPLAINT

In case of malfunction of the Device within the warranty period, you should describe the type of damage, include the warranty card, a copy of the purchase document, and send the device along with the assortment in a well-protected packaging (It is recommended to use bubble wrap, sponge, styrofoam, etc. for packaging) to the service address by registered mail or courier.

Shipping address:

Enso Electronics Sp. z o.o.
ul. Patriotów 299, 04-767 Warszawa
with the note: SERVICE DEPARTMENT

IV. LEGAL NOTES

1. INTELLECTUAL PROPERTY

The Sweeper CT® device distributed by ENSO Electronics Ltd. is designed and constructed based on the experience and recommendations of the inventors and engineers at Enso Electronics Ltd. Therefore, any copying, modifying, enhancing, or utilizing of the program or the appearance of the device for personal or commercial production or applications is prohibited. However, this prohibition does not apply to non-commercial use for personal purposes.

The trade name of the device - Sweeper CT® - and other designations included in the instruction manual and on the website www.ensoel.pl, including the company name - Enso Electronics - are registered trademarks and are protected under the provisions of the Industrial Property Law of June 30, 2000 (Journal of Laws No. 49 item 508, as amended). The general rules for using the device are provided in the materials on the website www.ensoel.pl. The purpose of this instruction manual is purely informative and educational. Using the Sweeper CT® device requires familiarizing oneself with the content of the user manual provided with each device. Enso Electronics reserves the right to make changes and corrections to the information on the website or in this user manual at any time and to any extent without prior notification to users.

2. RESPONSIBILITY

Enso Electronics is not responsible for any effects associated with the use of the Sweeper CT® electronic device. By purchasing the aforementioned device, the customer automatically assumes all potential consequences of its use and takes responsibility for them. Only personnel familiar with these instructions are authorized to operate the device.

Enso Electronics and its distributors offer low-risk general health products that promote a healthy lifestyle, help maintain or promote health, or reduce the impact or risk of certain chronic diseases and conditions where a healthy lifestyle plays an important role in improving quality of life.

These claims have not been evaluated by the FDA, and the products are not intended to diagnose, treat, or prevent any disease or medical condition.

PEMF devices promote the body's natural healing ability and help restore and maintain energy balance.

Therapeutic pulsating electromagnetic fields of low and medium intensity generated by these products utilize the same level of energy as the natural revitalizing energy of the Earth and are not harmful.

The use of PEMF devices is contraindicated in individuals with pacemakers or other electronic implants, cochlear implants, or mechanical heart valves. PEMF products are also contraindicated during pregnancy and in individuals with epilepsy or bleeding disorders, organ transplant recipients, or receiving immunosuppressive therapy, as well as those whose intrauterine devices are not MRI-safe.

Patients should inform their doctor when considering the use of Sweeper CT in conventional medicine. This information does not replace professional medical advice. If you have or suspect you may have a health problem, talk to your doctor.

Content created or found through Enso Electronics services or products is for informational purposes only and is not intended to replace the relationship between you and your doctor or other healthcare professionals. Enso Electronics is not a licensed healthcare provider and has no experience in diagnosing, examining, or treating any disease.

3. MARKING ACCORDING TO EUROPEAN DIRECTIVE

Information for users on disposing of electrical and electronic equipment (applies to households).

The device is marked in accordance with European Directive 2002/96/EC and the Polish Act on Waste Electrical and Electronic Equipment with a crossed out waste container symbol. The symbol displayed on products or accompanying documentation indicates that defective electrical or electronic devices should not be disposed of with household waste. The correct procedure for disposal, reuse, or component recovery involves transferring the device to a specialized collection point, where it will be accepted free of charge. In some countries, the product can be returned to the local distributor when purchasing another device.

Correct disposal of the device enables the preservation of valuable resources and avoids negative impacts on health and the environment, which can be threatened by improper waste management. Detailed information about the nearest collection point can be obtained from local authorities. Improper waste disposal is subject to penalties under relevant local regulations. In case of the need to dispose of electrical or electronic equipment, please contact the nearest sales point or supplier, who will provide additional information.

In terms of protection against electric shock, the device meets Class II protection, Type B according to standard IEC 60601-1.

Depending on the potential risk of use, devices are classified as Class IIa in accordance with Directive 93/42/EEC. SWEEPER CT® is classified as a household device.

EN 60335-1:2012 / EMC EN 303 4461 (EN55014-1/2)

Directive on radio equipment 2014/53/EU

FCC legal information: This device complies with Part 15 of the FCC rules.

4. A NATURE-FRIENDLY COMPANY



firma
przyjazna
naturze

As an environmentally-friendly company, we have received the Nature Friendly Company Certificate. We participate in the ecological responsibility program for businesses. We use materials from recycling and take care of the environment in our products.

Electronic devices cannot be disposed of with regular waste. The devices should be taken to the appropriate waste collection point. Local authorities, sellers, or manufacturers can provide information on this.

Before disposal, it is recommended to clean gel electrodes with a solution of chlorine dioxide or sodium hypochlorite disinfectant.

5. ISO 9001:2015

ENSO Electronics Ltd. has the ISO 9001 quality certificate.



6. CONTACT DETAILS

ENSO ELECTRONICS SP. Z O.O.

ul. Patriotów 299, 04-767 Warszawa
+48 22 382 55 50 (51), +48 796 104 230
biuro@ensoel.pl; www.ensoel.pl

Service and production:

ul. Patriotów 299, 04-767 Warszawa
Opening hours: pn-pt 8:00 - 16:00

7. CE DECLARATION OF CONFORMITY



Enso Electronics hereby declares that the Sweeper CT complies with the requirements of the Act of April 13, 2007 on electromagnetic compatibility (Journal of Laws 07.82.556) and the provisions of the EMC Directive 2004/108 / EC - a copy of the "Declaration of Conformity" can be found at www.ensoel.pl.

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**If you have any comments or other questions not included in the instructions,
please contact us via email at:**

biuro@ensoel.pl

For phone assistance from specialists, please call:

(22) 382 55 50 (51)

For instructional videos, please visit

You Tube - channel Enso Electronics

