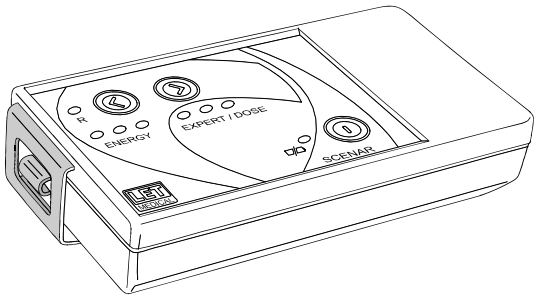
SCENAR series model PS705mini, PS705Ag mini
User's Guide



Issue 2.2

February 2009

Before operating the device, please read this User's Guide thoroughly, and retain it for further reference.

SCENAR series devices are authorized for practical application by the Health Ministry of the Russian Federation.

Registration Certificate No. ФС 022a2006/3749-06.

Certificate of Conformance No. РОСС RU.ME01.B04123

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INTRODUCTION

Neuroadaptive electrostimulators SCENAR (hereinafter referred to as “devices”) are basic facilities of state-of-the-art technology for highly effective and medication-free rehabilitation of health and improvement of the quality of life. They provide quick recovery of the body after illness due to focused activation of its inherent reserves.

The devices are used to prevent diseases, increase the body’s available inherent reserves and evoke its latent potentials. They provide better resistance of the organism to various disorders and harmful environment, prevent early aging, and produce a rejuvenation effect.

The action is effected with short-pulse low-frequency signals when the electrodes contact skin. Parameters of the acting signal and time of the procedure are set automatically through the biological feedbacks.

SCENAR series models are intended for use at home, at medical and rehabilitative institutions, at emergency stations, for first aid on board of ships, airplanes, trains and other transport, in beauty salons for cosmetic purposes (rejuvenation, smoothing out scars, etc.), tissue regeneration, and restoration of health.

ABOUT THIS GUIDE

This User's Guide provides main features, description of the basic elements of the device and their purposes, operation of the device, as well as typical observations and explanations, which should help the user effectively conduct therapeutic procedures, make preliminary analysis of the area which is going to be acted upon, determine the necessary procedure time, the most effective position of the patient, etc.

Each case may require various methods and techniques of action. Any questions, which are not covered in this User's Guide, and more details concerning particular cases, theory and practical application of the "LET Medical" devices, and new methods and techniques of SCENAR-therapy are discussed at regular seminars conducted by leading professionals of "LET Medical". For more details about where, when and how you can obtain training at such seminars, see the official web-site of "LET Medical" *http://www.scenar.ru*

The purpose of the present User's Guide is to introduce the user to the main features of the device and help effectively operate the model. This User's Guide does not guarantee any results while operating the device by the users, who have not obtained training at seminars provided by professionals of "LET Medical".

READ THIS FIRST

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International patents No.1053715 and No.1181951 in Europe.

“LET Medical” products are under continual improvement and we reserve the right to make changes without prior notice.

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SAFETY REQUIREMENTS AND PRECAUTIONS

Before operating the device, please ensure that you read and understand the safety requirements and precautions described below. Always ensure that the device is operated correctly.

Remember that improper use or operation of the device and non-observance of this User's Guide instructions can deprive you of the right to warranty service and cause costly or irreparable damage to the device.

SCENAR series devices should be used, operated and stored at nominal temperatures of +18ºC (64ºC) to +35ºC (95ºF) and relative humidity to 80% at +25ºC (77ºF).

SCENAR series devices comply with exposure to mechanical influence requirements of Group 2 of GOST R 50444, with reliability requirements of RD 50-707 in the Russian Federation. SCENAR series devices meet the electric safety requirements and comply with GOST R 50267.0 for medical electrical equipment with internal power supply, type BF, in the Russian Federation.

Operating the Device

Store this device out of the reach of children and teenagers. Misuse or accidental damage to the batteries could result in serious injury and cause malfunction of the device.

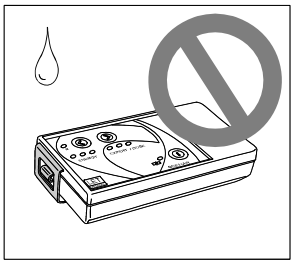
Do not attempt to disassemble or alter the whole device or any part of it, or the batteries. Disassembly or alteration may result in irreparable damage to the device or cause short circuit and fire. All internal inspections, alterations and repairs should be only conducted by qualified service personnel authorized by “LET Medical”.

Do not touch the electrodes with your hands or other sensitive parts of the body when using maximum energy level.

Never touch internal portions of the device that become exposed as a result of damage. This may destroy some functions or the whole device.

Stop operating the device and remove the batteries immediately if it emits smoke or noxious fumes. Failure to do so may result in fire. Confirm that smoke or fume emissions have ceased.

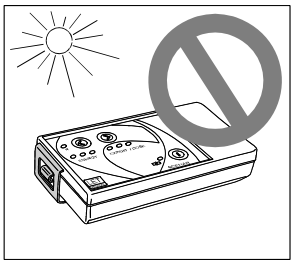
Be careful not to drop or bang the device or subject it to mechanical impacts or shocks, or load. Do not place heavy items on it. Stop operating the device and remove the batteries immediately if it is dropped or its casing is damaged.



Do not touch the device with wet or moist hands or other parts of the body. Do not allow the device to come in contact with, or become immersed in, water or other liquids. Do not allow the liquids to enter the interior. If water or other foreign substances enter the interior, immediately stop operating the device and remove the batteries. Continued use of the device may result in fire and cause damage to the device.

Do not operate the device in close proximity to sources of strong electromagnetic, UHF, vibration and other fields. This may cause mistuning, malfunctions or destroy the device.

It is not recommended to use the device in close proximity to sensitive electronics, cellular phones and other equipment. SCENAR series models may produce noise or cause mistuning and malfunction of such equipment.



Do not use, leave or store the device in places subject to strong sunlight or high temperature. Exposure to intense sunlight and heat may lead to deformation of the casing or cause the batteries to overheat resulting in fire.

Do not store the device in humid or dusty areas.

Do not use substances containing benzene, thinners, acetone and other flammable and solvent substances to clean the casing and electrodes.

Do not deform the electrodes and elements of the plastic casing.

Avoid condensation (water droplets) formed on the surface of the device. This may cause malfunctions or damage to the device. Moving the device rapidly between cold and hot temperatures may cause condensation to form on its external and internal surfaces. You can avoid this by placing the device in warm cloth and letting it adjust to temperature changes slowly (over 2 or 3 hours) before removing it from the cloth.

Stop using the device and remove the batteries immediately if you detect condensation. Continued use may damage the device. You can only resume using the device after the moisture evaporates completely.

Using the Batteries

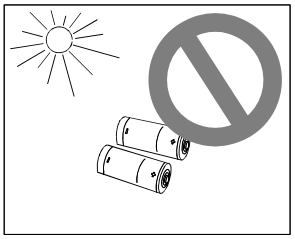
We recommend using N type, 1.5V Ni-MH rechargeable batteries, or, in exceptional cases, N type 1.5V alkaline batteries, as power source for the device.

Don't use batteries with voltage higher than 1.5V! This may lead to fire and cause damage to the device.

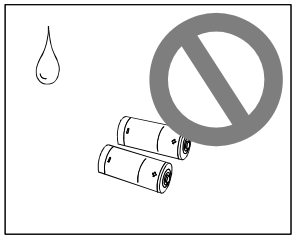
Please note that the device performance may decrease a little if you use alkaline batteries

Do not use saline batteries as a power source for the device!

You can also use lithium-polymer (Li-Pol) battery 3.7V 420mA/h as a power supply. Such battery is supplied by the manufacturer by special order, together with the charging set.



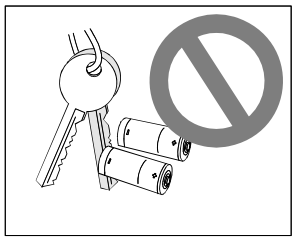
Do not place the batteries near a heat source or expose them to direct flame or heat. Avoid placing them in places subject to direct sunlight or high temperatures.



Do not immerse the batteries in water.

Do not attempt to disassemble, alter or apply heat to the batteries. There is serious risk of injury due to overheating. Immediately flush with water any area of the body – including the eyes and mouth, or clothing – that comes in contact with the inner contents of a battery. If the eyes or mouth contact these substances, immediately flush with plenty of water and seek medical assistance.

Avoid dropping or subjecting the batteries to severe impacts that could damage the casings.



Do not short-circuit the battery terminals with metallic objects, such as key holders. Cover the terminals with tape or other insulators, or use a case to transport or store the batteries.

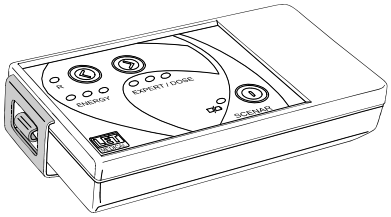
Before you discard a battery, cover the terminals with tape or other insulators to prevent direct contact with other objects. Contact with the metallic components of other materials or liquids in waste containers may lead to fire. Discard the batteries in specialized waste facilities if available in your area.

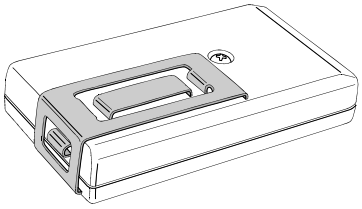
To charge the rechargeable batteries, use only the battery charger specified by the manufacturer.

When the device is not in use for a long time, remove the batteries from the battery section of the device.

CHECKING THE CONTENTS

Model PS705mini:





- device
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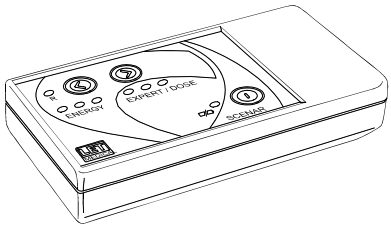
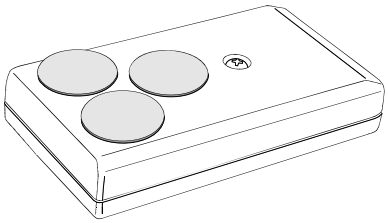
Model PS705Ag mini:





- device
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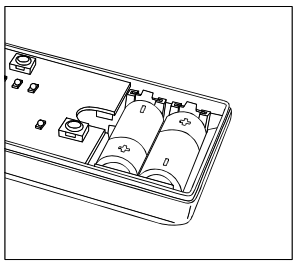
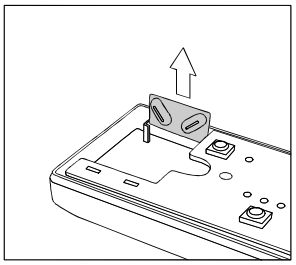
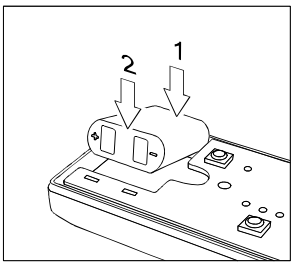
QUICK START



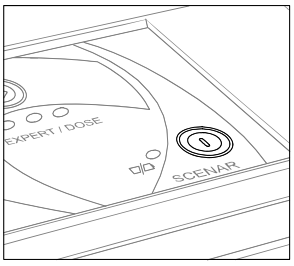
Before installing the new batteries keep the “ON/OFF” button pressed for 2-3 seconds and then release it. Then install the batteries into the battery section of the device. Be sure you observe the polarity!



If you use Li-Pol battery, pull the back metal plate from the battery compartment, as shown in the picture.

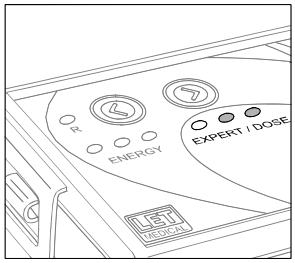


Put the battery into the battery compartment, so that the + sign on the battery aligns with the + sign on the metal terminal in the battery compartment.

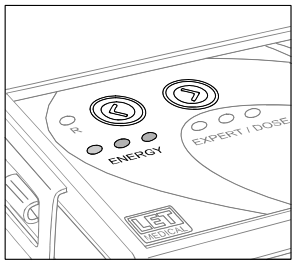


Switch the device on. To switch the device on, press and release the “ON/OFF” button.

Place the electrode on the skin.



Make preliminary analysis.

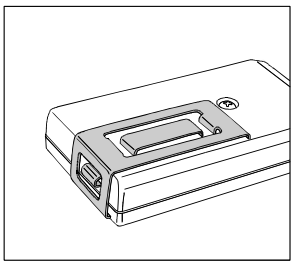


Set the action energy level manually if necessary.

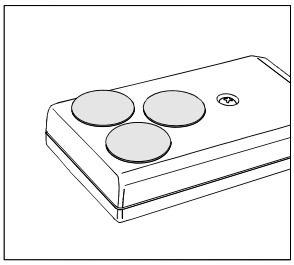
Switch the device off when you finish the procedure. To switch the device off, keep the “ON/OFF” button pressed for over 2 seconds and then release it.

COMPONENTS GUIDE

Electrodes



Electrodes of model PS705mini are made of stainless steel.

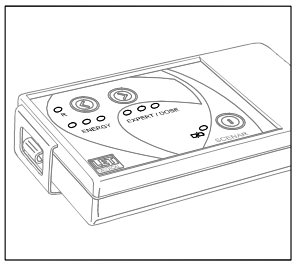


The electrodes of model PS705Ag mini are detachable and made in the form of three “buttons”. Each button has a built-in point-contact rare-earth permanent magnet in order to focus the action along magnetic lines. At the same time the magnet fastens the electrode to the device and allows you to take it off and put it back quickly and easily.

The electrodes are made of silver according to new technology, with method of pressing (compression capacity up to 50 tons), which enhances the structure of silver, making it high density. Such method allows enhancing efficiency of action due to increased gravitational density of silver while the mass of it is small.

In addition, you can order electrodes made of gold. Gold electrodes have the same shape as silver ones and can be easily installed in the device by the user.

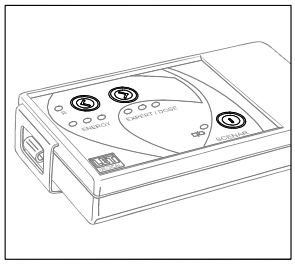
Triangular positioning of the electrodes allows focusing the action signal better.



Indication

LED indication shows if there is a proper contact of the electrodes with skin, levels of action energy, end of the action dose, battery status, and allows you to make preliminary assessment of the area which is going to be acted upon and define the time needed for action.

Control



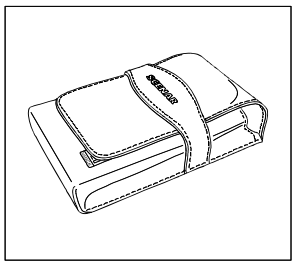
You can operate the device with three buttons: “ON/OFF”, action energy increase and action energy decrease to set the energy level manually if necessary.

Casing

The device is encased in “Pocket S” series casing. Waterproof keyboard and sealants make disinfection and cleaning of the device easy. The casing is made of shockproof (3 mm thick) ABS plastic.

ACCESSORIES

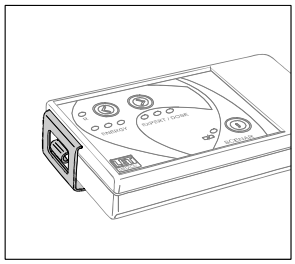
Leather case



The leather case made of genuine leather protects the device from damage, dust and dirt during transportation and storage.

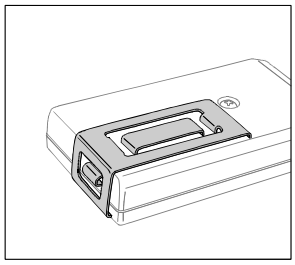
ARRANGEMENT AND OPERATION

The device consists of a casing and electrodes.

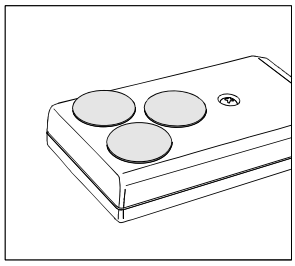


Model PS705mini has built-in electrodes.

The front-end mounted electrode allows acting upon face areas and other hard-to-reach areas.

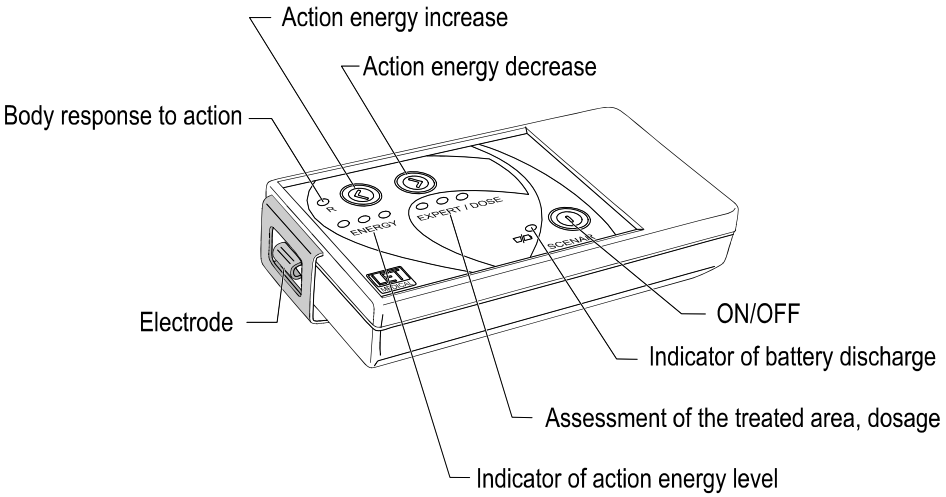


The electrode placed on the lower cover of the casing is mainly used for treatment of large areas. You can lie on the electrodes if you need a long treatment of the same area.



The silver electrodes of model PS705Ag mini are detachable, which allows taking them off the casing and makes cleaning and disinfection easy.

Visual indicators and operating controls are placed on the upper cover of the casing:



Models PS705mini and PS705Ag mini have no connector allowing attachment of remote electrode probe.

GETTING STARTED

Power Supply

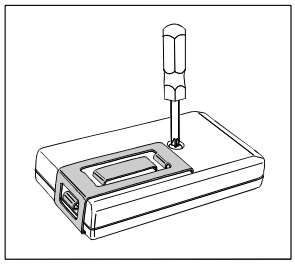
The device can only operate on two Ni-MH rechargeable batteries (type N) or two alkaline batteries (type N).

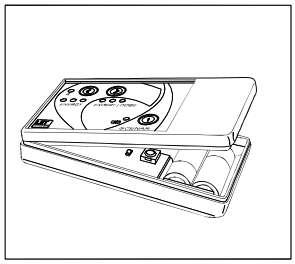
You can also use lithium-polymer (Li-Pol) battery as a power supply. Such battery is supplied by the manufacturer by special order, together with the charging set.

Do not attempt to use any external power sources, line supplies or other power sources except those recommended in this User's Guide!

Installing the Batteries

New devices are supplied without any batteries.



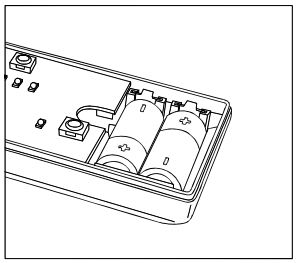


1. When you need to install the new or replace the old batteries, turn the device upside down.
2. Unscrew the screw on the battery section cover.
3. Turn the device so that the faceplate looks up.
4. Carefully lift the upper cover of the casing. Hold it with one hand in the area of the front-end electrode and partially lift the opposite side of the upper cover with the other hand. Then remove the upper cover carefully. Try not to damage the plastic holders inside.
5. Remove the batteries.

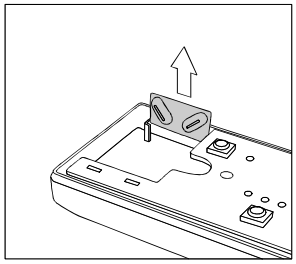
Before you install the new batteries keep the "ON/OFF" button pressed for 2-3 seconds!

Only after that you can install the new batteries in the battery compartment.

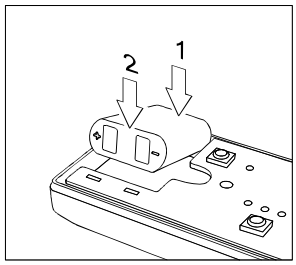
Make sure you are using batteries of N size 1.5V!



6. Insert the batteries so that the sign (+) on the battery aligned with the (+) sign on the bottom of the battery compartment.



7. If you use Li-Pol battery, pull the back metal plate from the battery compartment, as shown in the picture.



Put the battery into the battery compartment, so that the + sign on the battery aligns with the + sign on the metal terminal in the battery compartment.

Please be careful and observe the polarity!

The device has protection system against battery misplacement. If the batteries were misplaced, the device will not switch on.

8. Close the upper cover of the casing carefully pressing it in the area of the front-end electrode and then on the opposite side.

9. Screw up the cover.

10. Next time when you are going to use two Ni-MH rechargeable batteries (type N) or two alkaline batteries (type N), take the Li-Pol battery out and insert the metal plate back into the battery compartment. After that insert two N type batteries following instructions as above.

The device has a self-testing system. If you installed the batteries correctly and followed all the instructions, the device will switch on automatically right after you install the batteries. The LED of “energy” indicator showing minimal level of action energy should light up accompanied by the sound signal.

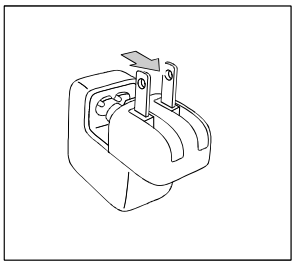
If after you install the batteries the device will not switch on automatically, this means that the batteries were not installed correctly (you might have forgotten to keep the ON/OFF button pressed for 2-3 seconds before installing the new batteries or did not observe the polarity). In this situation you should install the batteries again, following all the instructions.

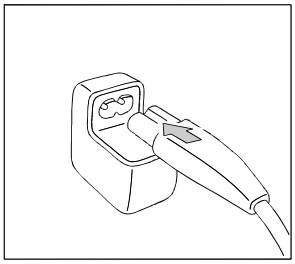
Charging Li-Pol battery

Li-Pol battery can be charged from the network adapter, supplied by the manufacturer by order, together with the Li-Pol battery and cable. The automatic charger is built into the battery.

To charge the battery, take it out of the battery compartment of the device. Connect the battery to the network adapter with the help of USB – micro USB cable. Connect the network adapter to the electricity supply network (wall socket). Time of full charge is 1.5-2 hours. When charging is finished the battery will switch off automatically (it will not consume electricity even if the adapter is still left plugged into the wall socket). The adapter has plug of USA standard. To be able to use it according to the standards of

the electricity network of your country, you may need to use a socket adapter.





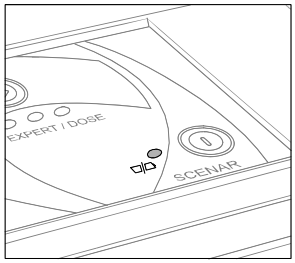
You can also remove the USA-standard plug from the network adapter. Inside you will find a socket which fits most network cables used in many units of consumer electronics (e.g. a cable from a DVD-player, electric shaver, etc). As a rule, the plug of such network cable is adapted to the electricity standard of your country and can be connected to the wall socket without a socket adapter.

You can charge the battery from USB-compatible devices, for example, USB port of your PC or laptop. In this case, time of charging is approximately 5 hours. You can use any USB – micro USB cable, or the cable which is supplied in the charging set.

Battery Discharge Level

Battery discharge level is displayed with LED indicator.

Using rechargeable batteries:



slowly blinking indicator means fully charged battery,

frequently blinking indicator means approximately 1/3 of the charge is left in the battery,

very frequently blinking indicator means that the batteries are discharged and need to be replaced.

Using alkaline batteries

battery indicator switched off means fully charged battery,

slowly blinking indicator means approximately half of the charge is left,

frequently blinking indicator means approximately 1/3 of the charge is left,

very frequently blinking indicator means that the batteries are completely discharged and need to be replaced.

Using Li-Pol battery

slowly blinking indicator means the battery is completely discharged and needs to be replaced

if the battery is discharged deeply, the charger inside the battery will switch the device off automatically; the device will not switch on until you charge or replace the battery

Timely replacement will help your rechargeable batteries work effectively for a long time and avoid leakage of the alkaline batteries.

OPERATING THE DEVICE

Switching the Device On and Off

Switching On

To switch the device on, press and release the “ON/OFF” button. Switch on is accompanied by a sound signal.

The LED showing minimal level of energy on the “energy” indicator is lit up.

Switching Off

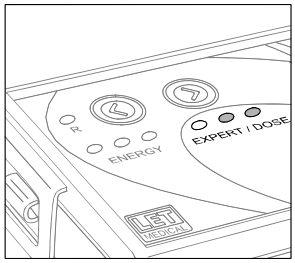
To switch the device off, keep the “ON/OFF” button pressed for 1-2 seconds. Switch off is accompanied by a sound signal.

The device will switch off automatically if the electrodes do not contact skin for approximately 2 minutes.

Preliminary Analysis

Active Area Search

For most effective treatment it is recommended to find the part of the area which is optimal for action. It can be defined by activity readings. The most optimal area for action is the one with the highest activity readings. To do that, switch the device on and place the electrode on the skin without moving for approximately 1-2 seconds.



The activity level is defined by a number of LEDs lit up on the “EXPERT/DOSE” indicator. The more LEDs light up, the higher is the activity level of the part of the area.

Beginning and end of the activity measurement is accompanied by sound signals. Activity displays

are stored during approximately 3 seconds.

If after that you leave the electrodes on the skin, the LEDs of the “EXPERT/DOSE” indicator switch on and off alternately, starting from right to left and then back, from left to right. After that the device begins to work in treatment mode.

If after measuring the activity of the area you remove the electrodes from the skin, the LEDs showing activity level will be lit up during approximately 3 seconds after measuring and then they switch off.

Conducting the procedure

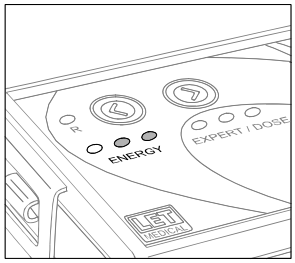
Contact with Skin

Proper contact of the electrode with skin is essential for effective action

When the electrodes of the device contact skin, the “R” indicator lights up being accompanied by sound signal.

The “R” indicator may not light up in some medical cases or conditions of skin, and when acting upon hairy areas of the body. In this case, moisten the skin or hair with a cotton wool slightly wet with water.

Action Energy Level

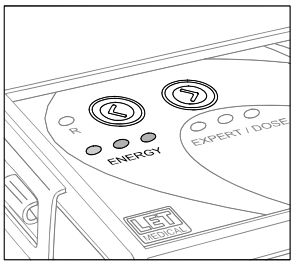


Action energy level is displayed by the brightness and number of LEDs of “ENERGY” indicator lit up simultaneously.

Automatic regulation

After the activity level is measured, the minimal energy level which is needed at the area being acted upon is set automatically. During action the energy level may increase or decrease automatically.

Manual regulation



You can increase or decrease the action energy level with the help of action energy increase (“up”) or action energy decrease (“down”) buttons. If you quickly press and release the “up” or “down” button the action energy level respectively increases or decreases by one level each time you press the button. If you keep the “up” or “down” button pressed, the energy level will gradually increase or decrease automatically until you release the button.

If you need to return to automatic energy regulation, set the minimal level and then quickly press and release the “down” button.

It is important that the patient develops a positive attitude to SCENAR device from the very beginning of treatment. Much depends on how he feels SCENAR-action. Therefore, we recommend using such action energy level, which is most comfortable for the patient. As a rule, action energy level does not influence the result of action very much, but it can provide additional positive psychological effects upon some patients, who need to feel the action physically.

Children should be treated using minimally sensed action energy levels.

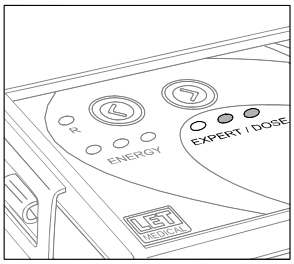
While treating elderly and senile patients, you can use maximal action energy level.

Increased action energy levels are also used when the patient needs urgent help and for quick abatement or elimination of the problem (e.g. pain, resuscitation, shock conditions, frostbite, burn, etc.).

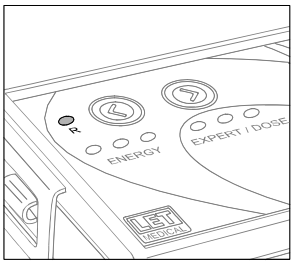
Decreased action energy levels are also used for cosmetic purposes. Sensations produced by decreased action energy level should be comfortable.

Dosage

Dosage is monitored by “EXPERT/DOSE” and “R” indicators.



Indicator “EXPERT/DOSE” allows you to assess the dosage volume by brightness and number of LEDs lit up simultaneously.



Indicator “R” shows body response to action. The faster the LED of the “R” indicator blinks accompanied by the sound signal, the more actively the body responds to action.

Completion of the optimal action dose upon the area is accompanied by a sound signal. All three LEDs of the “EXPERT/DOSE” indicator are lit up brightly and the LED of the “R” indicator blinks regularly and fast during approximately 5 seconds. After that you can treat the next area or continue acting on the same area (without removing electrodes from the skin) in dynamic adaptation mode, if necessary.

Dynamic Adaptation Mode

Dynamic adaptation mode allows automatic regulation of action and pauses between actions without removing the electrodes from the skin surface. It is necessary when you treat one area for a long time, when eliminating pain, etc. This mode switches on automatically. Dynamic adaptation mode can switch on both when fulfilling the dose and after the dose has been completed.

Switch on of the dynamic adaptation mode is not displayed by the indicators of the device. Action and pauses between actions can only be sensed on the skin.

Switching Sound On and Off

You can switch off the sound signals of the device. It is very convenient if the sound disturbs other people.

To switch off the sound, quickly press and release the “ON/OFF” button.

To switch on the sound, quickly press and release the “ON/OFF” button again.

HOW TO PLACE THE ELECTRODE

1. Along muscles and skin folds.
2. Along the segment.
3. On projection of the treated organ.
4. It is recommended to press the electrode to the skin surface to obtain best effect of action.
5. In any position, just for a variety of action if you have to act upon the same part of the area for a long time.

ACTION TIME, INTERVALS AND THERAPY PERIOD

Action Time

The procedure may last from 10-15 minutes (for example, when eliminating toothache) to several days of continuous action (for example, in case of extreme or severe injuries, when it is necessary to save and restore an organ, etc.).

Usually a procedure takes 40-60 minutes (minimum – 15-30 minutes).

If at the first procedure the action dose is not performed within 20 minutes, you can stop acting upon this part of the area even before the dose will be completed, and place the electrode onto the next part of the area. It is also not recommended to use any additional methods of treatment at the first session of SCENAR-therapy.

Action Range

Action range, i.e. how many areas to act upon during one procedure, depends on the following:

1. Physical condition, abilities, potential and age of the patient. The procedure should not be exhausting.
2. Recovery stage – how many procedures have been already conducted. The more procedures have been done before, the more areas can be acted upon during one procedure. It is not desirable to act upon the areas that have been acted on at the previous procedure. However, it is possible to act upon the same areas every other procedure.
3. It is not recommended to act upon more than 3 large areas during one procedure.
4. Trigger areas should be acted upon before any others. Trigger areas are the areas with high activity during preliminary analysis, areas

where the skin turns red and areas where the electrode “sticks” to skin.

Action Intervals

Intervals between the procedures depend on how severe or pronounced the pathological process is. In acute conditions, SCENAR-therapy procedures should be conducted every day or several times a day. However, the intervals between the procedures should not be less than 3 hours. The more chronic, advanced or sluggish the disease, the longer should be intervals between procedures (every other day or 2-3 times a week).

Everyday procedures are usually recommended in the following cases:

- acute conditions
- pronounced active complaints

There may appear pronounced acute conditions during the first procedures.

Procedures every other day are usually recommended for:

- chronic compensated pathological conditions in middle-aged and elderly patients

Slight exacerbations are possible during first procedures.

The above recommendations can be referenced to, but are not obligatory for all conditions. Each particular case may require special methods and techniques of action. Such details are discussed and explained at the regular seminars on SCENAR-therapy conducted by leading professionals of “LET Medical” company.

Number of Procedures in a Course

A course of SCENAR-therapy can make up from 1 to 25 procedures, but typically it is 10 to 14 procedures.

The number of procedures in a course of SCENAR-therapy depends on how the patient's body responds to action and how fast its normal functioning is restored. As a rule, when the symptoms and manifestations of the disease disappear and the patient feels well, the action can be finished. Note that each case is individual and may require its own number of procedures necessary for a course of SCENAR-therapy.

The more recent the disease, the sooner will be the recovery. For rehabilitation of health in acute conditions, one course of SCENAR-therapy is usually enough. Patients suffering chronic pathological conditions can feel better even during the course of treatment, but the final result should be expected about a month after the course of therapy. Therefore, if the patient needs a repeated course of SCENAR-therapy, it should be conducted at least a month later, so that the effect of the previous course could manifest in full.

If after the first course of SCENAR-therapy the patient experiences recurrence, the repeated course can be started earlier than one month interval. If one or two procedures are enough to eliminate the recurrence, it is not necessary to conduct the complete course. The next course should be started one month later.

POSITIONS OF THE PATIENT DURING ACTION

Positions of the patient can be varied. First of all, the position of the patient during action should be most comfortable and least painful for the patient and at the same time provide optimal access to the areas, which should be acted upon.

Stand-up position (while the therapist is sitting)	
This position is recommended for patients suffering radiculitis. Pains the patients experience in this condition do not allow acting effectively in other positions. This position is also recommended for action upon inguinal areas.	
Advantage	In this position of the patient it is possible to monitor important details, signs and processes, which cannot be noticed in other positions.
Disadvantage	In this position the patient may get tired, feel uncomfortable, or not be able to relax. Massaging with the device may be difficult. Some patients may consider such therapist-patient position not very esthetic
Sitting position	
This position is very convenient to act on the cervical section of the spine and head.	
Advantage	In this position the cervical section is more moveable, than in the lying position. The head of the patient can be easily bent in various directions.
Disadvantage	Buttocks, back surface of knees and inguinal areas are inaccessible for action. Massaging is difficult and inconvenient.

Lying position	
This position is recommended for bed-patients and for the patients whose condition allows conducting action only while lying. Such position is also very convenient for action on the face.	
Advantage	In this position most areas are easy to reach. Patients prefer this position most often. It provides maximal relaxation of the patient. When the patient is lying, the electrode can be pressed harder to the skin surface. Allows better massaging and deeper action signal.
Disadvantage	If the patient is lying on a low couch, the therapist has to bend over the patient, which is inconvenient for him. It is recommended to use the adjustable couch allowing regulation of its height.
Knee-elbow position	
This position is recommended for the patients suffering pathological conditions of sacrum, coccyx, and buttocks. It can also be most convenient for action if pathological conditions are accompanied by pains, which in this position are least pronounced. Such position may also be the only one allowing action in pathological conditions of skin (injuries, burns, rash, etc.) or in conditions when action in other positions is difficult.	
Advantage	This position allows most effective action upon the lower part of the thoracic section and lumbosacral section of the spine.
Disadvantage	This position does not allow acting upon some areas.

SPECIFICATIONS

Type of the device	Personal use device for medication-free therapy.
Acting pulse	Bipolar two-phase spike without constant component. Duration of the first phase: 5-100 ± 15% mcsec Duration of the second phase: not more than 300 ± 30% mcsec Amplitude: 20 ± 30% V
LED indication	“ENERGY” – action energy “R” – reaction, end of action “EXPERT/DOSE”- assessment of the treated area, duration of the dose Battery status
Sound signals	Switch on of the device Body reaction End of dose Switch off of the device
Electrodes	Stainless steel 12X18H10T
Power supply	Two N size 1.5V batteries One lithium-polymer battery 3,7V
Size	85x46x16 mm
Weight (without batteries)	0,06 kg

Accessories	Genuine leather case for the device.

WARRANTY

“LET Medical” guarantees compliance of its devices with the requirements of TU 9444-002-24225399-2006.

The service life of the device is 4 years (48 months) from the date of production, with average operation time 2 hours a day, provided that all instructions of the present User’s Guide are strictly followed.

The warranty period of the device is 1 year (12 months) from the date of purchase, but not longer than 1 year and 3 months (15 months) from the date of shipment for sale, provided that all instructions of the present User’s Guide are strictly followed.

If the device proves to be defective during the warranty period, the repair and replacement of the defective parts is free. Postage is not included in the warranty service and is to be covered by the buyer.

The warranty is only valid for the internal parts of the device – electronic block inside the plastic casing. “LET Medical” cannot guarantee preservation of the initial state of the parts exposed to external environment and natural wear-out, such as plastic casing of the device, faceplate, electrodes and battery section contacts, during the whole period of using of the device.

The warranty service shall not be provided in the following cases:

- if the device was damaged during transportation after the purchase,
- if the device has no, or has a false, trade mark and/or serial number,
- if the warranty seals have been damaged,
- if the device was attempted to be modified and/or repaired by an unauthorized person/personnel,
- if the defects resulted from use together with, non-“LET Medical” brand accessories, attachments and applications,
- if the device was used and operated carelessly, safety requirements and precautions were not observed or the instructions of the present User’s Guide were not followed,
- if the device was used for the purposes it is not intended for,
- if the warranty period has expired.

“LET Medical” provides paid post-warranty servicing of its devices during the whole service life of the device.

While every effort has been made to ensure that the information contained in this User’s Guide is accurate and complete, no liability can be accepted for any errors or omissions.

“LET Medical” in no event shall be liable for using SCENAR and COSMODIC series devices for commercial purposes, and for consequential, incidental or indirect damages (including but not limited to damages for loss of business profits and business interruption) resulting from non-functioning of the device and/or during the repair period.

APPENDICES

Transportation

The devices can be transported by any kind of enclosed vehicle, except aircraft non-heated bays, in accordance with the requirements of GOST R 50444 of the Russian Federation and rules of freight.

Conditions of transportation by any kind of enclosed vehicle are the same as storage conditions according to GOST 15150 for climatic category UHL 4.2 and storage conditions 1.

During transportation the package enclosing the device should be protected from atmospheric precipitation and mechanical damage.

The devices can be stored in manufacturer's package according to storage conditions 1 of GOST 15150. The packages enclosing the devices can only be piled in 2 rows up.

Care and Maintenance

After each procedure the plastic casing of the device and the electrodes should be wiped with a cotton wool slightly moistened with medical antiseptic solution 95% (solutio medicinalis antiseptica 95%).

After cleaning, it is recommended to store the device in its original leather case, which can be purchased additionally (see the price-list on http://www.scenar.ru).

Never use substances containing benzene, thinners, acetone and other flammable and solvent substances, synthetic cleansers or water to clean the casing and electrodes of the device. These substances may damage or distort the device.

The silver electrodes of model PS705Ag mini can turn black in the process of action. To clean them, apply any cleanser used for silverware.

Construction of the silver electrodes of PS705Ag mini allows taking them out of the casing which makes cleaning and disinfection easier.

Regularly wipe the metallic terminals in the battery section with a cotton wool slightly moistened with medical antiseptic solution 95% (solutio medicinalis antiseptica 95%). Too dirty terminals can be cleaned with a rubber eraser.

Do not use metal or pointed objects to clean the battery section terminals.

Troubleshooting

Problem	Cause	Solution
The device will not turn on	No batteries in the battery section or the battery charge is insufficient	Insert or replace the batteries
The device will turn off during operation	Poor batteries	Replace the batteries with high-power ones
The device will turn off after shaking it	Poor contact between battery section and battery terminals	Carefully bend the terminals of the battery section and wipe them with a cotton wool moistened with medical antiseptic solution 95% (solutio medicinalis antiseptica 95%)

If you have other problems, please contact “LET Medical” company through your distributor.