

SPECIFICATIONS:

Power supply - - - Wall Adapter 90 - 240V In / 15V, 0.5A Out

Polarizing electrode - 1 to 14V via constant current ~50..110uA

Main Out (approx., in the long pulse):

BATH - - - - 8.3, 9.2, 10.1, 11, 11.9, 12.8, 13.7 V /

40, 60, 90, 120, 150, 200, 250 mA; >490mA - Over Load (OvL)

COMPRESS - 3.4, 3.8, 4.3, 4.7, 5.2, 5.6, 6.1 V /

1, 3, 7, 12, 18, 25, 33 mA; >160mA OvL

DENTAL - - - 0.45, 0.68, 0.9, 1.3, 1.9, 2.5, 3.2 V /

20uA, 40, 70, 130, 240, 380, 600uA; >5mA OvL

Silver Water - ~13.5V; 1 (~3mA), 1.5 (6mA), 2 (9mA) => ~7 to 27 PPM silver - OK,

L (~0.5-2.5mA) - too low; H (12-20mA) - too high, >20mA - OvL

Silver electrode - - - 6", 18 AWG (15 cm, 1 mm dia), 0.999 fine silver

Short pulses - - - - 11, ~1s total (bath, compress); 24, ~2s total (dental)

1 Long pulse + 1 series of short - ~7.5s

1 Time step - - 5 min ±2sec; 17 min ±5sec (better accuracy not necessary)

Ambient temperature - 10 to 35°C (50 to 92°F)

Humidity - - - - <90%, non condensing

Weight: ELPID - 3.2 oz (92 g)

The package - ~19oz (550 g); ~9 x 6 x 2" (~14 x 22 x 4cm)

Note: If '+', '-', 'TIME' & 'START' buttons are touched simultaneously, a "Production test" mode is entered, which should not be used by the user, will give an error, but nothing wrong will happen to ELPID.

Questions, comments and suggestions – seleq@seleq.org – will be answered in a few (usually 1-2) hours, 10:00 to 22:00 EST, every day, within 48 hours maximum.

The Warranty is 3 years from the receiving, excluding accessories, improper usage, normal wear and tear, etc. In case of a problem, it has to be explained via email, and if necessary – ELPID to be sent to SELEQ. Repair or exchange will be within 1 day, plus the USPS shipping time. It will be honestly approved to be free of charge and shipping refunded, if reasonable.

Disclaimer: Although all efforts are made to ensure efficient and safe work of ELPID, it is an experimental instrument for research and analysis, according to Federal Code 21, D, 807.65, (f). It does not have an official approval and can be used solely on user's own responsibility. The author is in no way liable for any unsuccessful treatment, failure due to lack of another treatment or any other reason.

ELPID is designed and made in USA by SELEQ

(V.5.3)

For purchase – <https://seleq.net/buy.html>

For the last version of the documents, check <https://seleq.net>

ELEctro-Pulsing Ion Detoxifying Device [ELPID]

A new generation electrotherapy instrument, which can reduce several important universal causes of diseases. It can help almost everyone to prevent, improve and relieve many sick conditions, including some "incurable"; To increase vitality, efficiency, strength and tonus; It can apply various medications locally, via ionophoresis, greatly reducing their harm; Can amplify the good side of many drugs, or lower adverse effects; Very useful together with homeopathy and other harmless treatments.



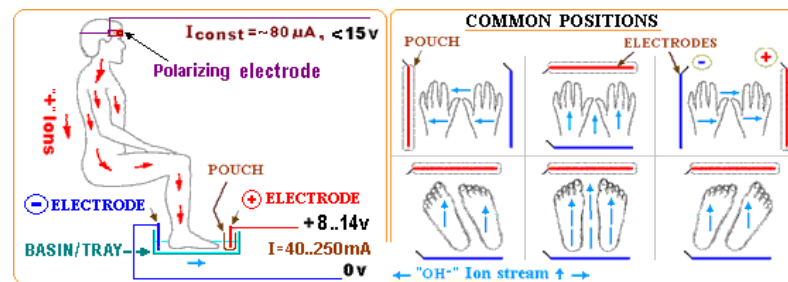
A smart low-voltage electro-pulse pattern is used, applied to feet, palms, teeth or any other part of the body, via 2 flat electrodes, in baking soda or salty water medium. This el-pattern:

- (1) Reduces the excessive positive ions – one main local reason for most illnesses (healthy tissues are slightly alkaline, with more "-" ions);
- (2) Destroys many toxins, metabolic wastes, viruses and microbes;
- (3) Stimulates all organs in the body via the neuro-info channels on palms and feet;
- (4) The negative slope of the pulses additionally, as an electro-bio-chemical pump, removes toxins & wastes, blocked in the cells and intercellular spaces.

ELPID has modern, very compact design, ~4 x 3 x 1" (10 x 7 x 3 cm), weighs only 3oz (90g), has convenient touch-buttons and vivid colorful LED indicators. A small, safe 15V power supply, well isolated from the power lines, is included. Outputs have reliable protection against short circuit, overload and over-voltages.

It can be useful in treatment of Allergy, Asthma, Arthritis, Atherosclerosis, Blood pressure, Bronchitis, Digestive & Urinary issues, Diabetes, Chronic fatigue, Emphysema, Epilepsy, Gangrene, Hemorrhoids, Hepatitis, Migraine, Mycoses, Inflammations, Osteoporosis, Rheumatism;

also of Alzheimer's, Parkinson's, Lyme and Heart diseases, many Cancers, HIV/AIDS, Leukemia, Poliomyelitis, Psoriasis, Schizophrenia, Tuberculosis, Tumors, Varicose veins and many others.



Several bath sessions every 2 hours can heal or strongly reduce a flue or other infection. It can be substantial part of an alternative to Hemodialysis, some surgeries and other dangerous invasive treatments.

Its impact is similar, might be better, than the Bob Beck's blood electrification.

There are no known side effects, nor are expected any, if used according to the manual. It's possible, however rarely, ELPID to provoke too strong

internal cleansing and healing processes, causing temporary discomfort and slight exacerbation of some symptoms. It cannot be used in the areas with open wounds, or scratched, abraded, acutely inflamed skin. It is not advisable in case of life sustaining electrical devices (pacemaker), transplanted organs, some strong special medications, etc.

Such a diverse Healing Aid may seem doubtful, but it can happen and the device can be of real help to many people, because of its universal principals. There are cases of great improvement after 1-2 baths, but this cannot be guaranteed. Substantial results can be expected applying one session every 2nd day (2-3 per week), over several weeks or months, depending on the particular person, body condition and moment of time. On long-term one bath or compress 2-4 times per month can be important part in healing of some old chronic issues.

Full health recovery can be ensured by fundamental improvement in the lifestyle and significant reduction of the true main causes of the diseases. Most people don't know, don't understand or don't want to believe that the root of most diseases is inside our mind. Namely, it is in our thoughts, feelings and aspirations, in the mental relationships with our own body & soul, and surrounding world.

We should live in serenity & dignity, impartial love & understanding, without humiliation, sadness, anger or distress! All negative thoughts and feelings generate subtle toxins and wastes, which accumulate in all organs, and dispose in the cells and intercellular spaces. Although unknown for the standard science, they severely harm tissues and their functions directly, and are food for many germs, which actually transform them into less harmful substances, but many germs further damage the tissues and entire body.

ELPID reduces both the germs and subtle toxins, and stimulates the healthy tissues.

This matter will be discussed in more details in the book REDEFINING the LIFE and WORLD, by the ELPID's creator.

This device is very different from the commonly offered, priced up to \$ 3 000, cleanse, spa, chi, ionic, etc footbath. They use quite strong DC to rapidly decay an iron or alloy electrode, making the water full of rust (healing) and metal (mostly harming) ions, more likely to get you dirty, than clean. They have only 1 useful process – passive, low effective, with adverse effects. ELPID has several processes, active, more effective by design, without any harm, in limpid water all the time.

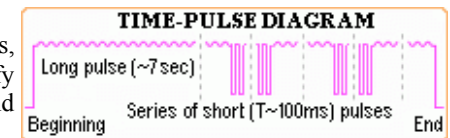
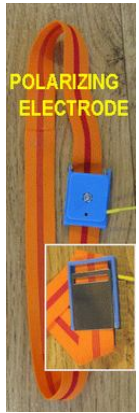


- 1- ELPID;
 - Accessories:
 - 2- Fluffy liner
 - 3- Pouch
 - 4- 2 plastic clips
 - 5- Cables assembly
 - 6- 2 Electrodes
 - 7- 2 Silver electrodes
 - 8- Power supply
 - (9- Dental applicator &
 - 10- Dental pockets - optional.)
- This Manual and a Quick Guide are also included

Because the '+' electrode is inside a pouch of semi-permeable material, most of the H^+ and other '+' ions will be kept inside the pouch. This considerably increases the amount of '-' ions (mainly OH^-) in the main part of the basin, so the water is slightly alkaline, "alive". The voltage on the electrodes establishes a flux of these OH^- ions around the feet/hands.

This flux from negative, not chemically active ions excites compensating positive ion flux inside the body. Via osmosis, through the skin pores, by the blood, lymph and other means, from the body are drawn '+' ions to recombine with the excessive negative ions in the water. This process can partially be explained by the Roderick MacKinnon's discovery of the Ion channels in the cell membranes (Nobel Prize in chemistry, 2003); further findings are expected. Since many of the toxic and harmful substances in the human body are in the form of '+' ions, this process leads to health regaining.

A small positive voltage, applied via the polarizing electrode, placed on the forehead, amplifies and accelerates the process, pushing '+' ions toward the basin. To be completely safe, without any harm to the body, a generator of small constant current (50-100 uA) is used. It ensures an optimized adaptive voltage, independent of the pulses, skin condition, body movement, electrode quality, etc.



-P.2- Spreading in the body tissues, the electrical pulses destroy and modify viruses and microbes, regular and subtle toxins and metabolic wastes.

-P.3- In addition, the negative (falling) slope of the pulses, acting as an electro-biochemical pump, drains out of the body non-ionized toxins and wastes, especially the subtle ones. To be effective & painless, the slopes are in the range 5-10ms (the pulses are slightly trapezoidal), and hampering spikes are removed.

-P.4- As it's well known in the wise traditional Eastern medicine, feet and palms are linked to all main organs, via special neuro-info channels, through which the electric pulses from ELPID stimulate the entire body.

-P.5- The long pulses are modulated with a specific revitalizing-rejuvenating frequency, which additionally increases the effectiveness.

-P.6- All output pulses have also modulation with $F=5$ kHz, well known as beneficial from many studies on frequency electro-therapy.

-P.7- The bath provides small amount of iron and other metal ions from the electrodes and impurities in the water – in low concentration they are not harmful and will be absorbed only if necessary for the body. Most of the ions excite various beneficial ion fluxes inside the body.

-P.8- A warm bath with *alive* salty or baking soda water is healthy by itself.

Many features of the unit are designed through the esoteric, intuitive and other extraordinary abilities of its creator. Although not accepted by most of the standard science yet, many of the historic discoveries of Newton, Mendeleev, Tesla, Schrodinger, Niels Bohr and others have been made in a similar way.

is sealed with silicon, not by a rubber band or similar, therefore should be disassembled only if this is really necessary.

As an additional prevention, the treated person should not touch any metal tap, tube, central heating, the water in the sink or tube, etc.

LED "Mode" flashes with the Out pulses, while working, except in *Silver water* (always ON). The short flashes of the LEDs "Out" show the selected voltage level, the longer ones indicate the measured current (only longer flashes in active steps of *Silver water* – the voltage is fixed at a maximum). The settings for Out level, Time & Mode are remembered while in *Pause*, *Wait*, *StBy*; in *Silver water* - for Out level & Time. The TIME can be set at 5 to 25 min, in 5 min step, and changed at any time, except in *Silver water*; If working, the current 5-min portion is not changed with the Time change. Short beep is given after every 1 min work, double beep after 5 or 17 min.

Baking soda is preferable as electrolyte; if salt is used, it should be regular, not sea, not iodized, nor any other salt. Usually 2 tbsp are enough for 1/2 qt (2 liters) of water. It's not necessary the water to fully immerse the electrodes or feet, it can be as much as desired (the ankle area can be treated with *Compress*). Current 40 - 120 mA is OK – the impact is mostly due to the pulse-pattern info, not to the power.

Several spoons of water (after the salt/soda is dissolved), must be placed in the pouch. The water in the basin gets cold very quickly, therefore it has to be quite hot initially. To minimize possible itching, pricking, stinging, the polarizing electrode can be pressed a little (for a better contact), to be moved around, and the skin smeared slightly with conductive water from the basin.

After every use, the basin, with all parts in it, especially the pouch, should be rinsed with warm water. It can be washed with soap, when necessary, or when another person will be using it, or the fluffy liner can be changed. The electrodes can corrode a little, mainly if salt is used, therefore can be cleaned with glass-paper, if necessary. Mostly the one in the pouch corrodes – it will need replacement after a substantial decay.

Outputs are protected against electrostatic and other over-voltages. Short-circuit or overload will turn them off for 5 seconds with error LED and sound warning. Then 'Mode' can be pressed for immediate escape.

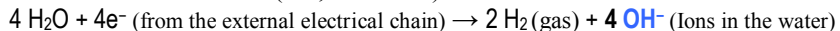
Every instrument passes a rigorous passive and dynamic test for several hours, including 70 min at maximum output power.

More DETAILS about the PROCESSES in ELPID:

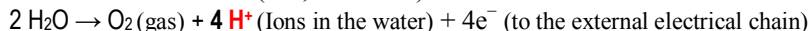
Since the electricity is substantial part of the functioning of the human body, well-selected and properly applied electric patterns can have very good cleansing, healing, stimulating and vitalizing effect.

-Process 1- The electric design ensures almost no decay of the electrodes, but electrolytic dissociation (electrolysis) of the water as follows:

At the Cathode ("–", reduction):

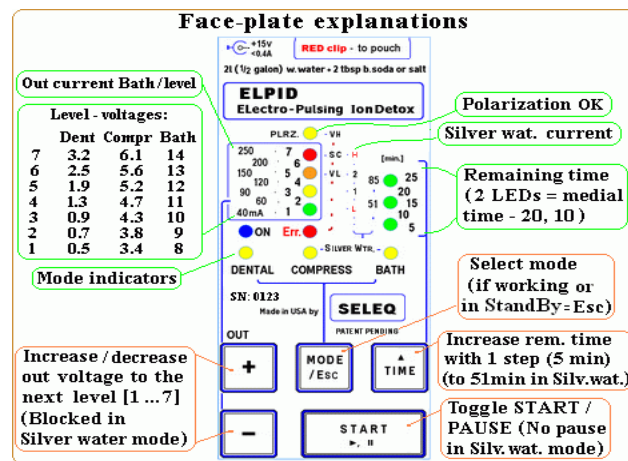


At the Anode ("+", oxidation):



OPERATING MODES:

1- Dental application, 2- Compress, 3- foot / hand Bath, 4- Silver water



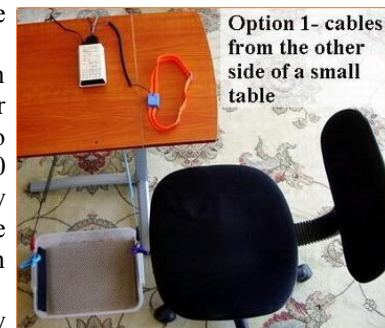
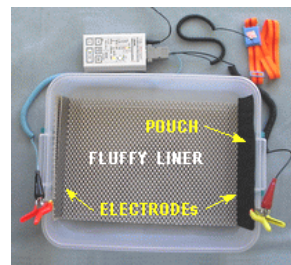
In 3rd mode – **BATH** (the main one), is used a plastic basin/tray (not included), with 2 flat electrodes of non-corroding steel alloy, 2x8" (~5x20cm), attached to the opposite walls. Their life cycle is hundreds of sessions or several years. The tray is filled with about half a gallon (~2 liters) of warm water, with 1-2 spoonfuls of baking soda or salt dissolved. This raises the conductivity, which facilitates the electrolysis of the water at low voltages, ensuring completely harmless process. In this way are produced hydroxyl ions (OH-), which are negative, but "noble", not chemically

active. They attract and suck out of the body part of the "ill" positive ions.

The feet and/or hands are immersed in the basin for 10 - 20 minutes. The user can choose between 7 voltage levels (8 to 14V), producing pulse current ~ 40 to 250 mA. The bottom is covered with a fluffy plastic liner, to ensure the water, i.e. the healing electric current, will pass between the feet and the bottom.

A common schedule is 15 min every 2nd day, or 2-3 times per week; 2 to 4 times to the feet / once to the hands; for 2 to 6 weeks, with breaks for 5-10 days, or as long as needed or comfortable. For general health improvement and prophylaxis – 1 - 2 times per month.

Such bath on the buttocks-anal area (sited in the placed on the floor basin) can be very useful for hemorrhoids, prostatic and other urinary-sexual issues.



DENTAL is the default mode, because of its lowest voltages (<3V), therefore the safest one in case of a mistake. Only if this option is purchased, a Dental applicator is included – in a specific low-cost version, which does not worsen its performance at all. Else it would be at the price of the entire ELPID!

The 4 main types of tooth issues are: (1) caries – teeth decay, (2) gingivitis – inflamed gums (tissues around the teeth), (3) periodontitis – inflammation of periodontium (tissues between the teeth and bone), (4) osteomyelitis – issues with the jawbone.

On a long term, the root cause is on mental level – the tenseness, stress, discomfort, unhappiness, etc, for which the standard odontology is almost completely ignorant, as mentioned. However, for most people Dental mode should be very useful for prophylaxis, temporal relief, facilitating and enhancing other treatments.

The two electrodes of the applicator have to envelop from 2 sides cured teeth and gums for 30 sec to 3-4 min. Up to 3 teeth can be affected at a time, which means that in 10-15 min all the teeth can be treated. The Voltage is 0.3 to 3 V, LEDs light-up (long flash) at approx. 20uA to 600uA.

The "Out" (voltage level) should be set so that no pain is felt in the time of pulses, or only slight pain / tingling, which is usually healing. Smallest levels are good for children and for heavy cases. Higher levels will be applicable without pain in the process of healing, which can be a diagnostic reference. Only low Out levels (1, 2, 3) should be used around an alive tooth with big old fillings – a higher current can accelerate self-dying of the pulp (the nerve), which happens sometimes in such cases.



The 2nd mode is **COMPRESS**. A regular compress can be made of several layers soft cloth, soaked in warm salty or baking soda water solution (10-15% is the best), and moderately wrung. Placed on the skin, covered with a plastic foil first, then with a woolen or other thermo-isolating layer for several hours (1 night), it often has a very good therapeutic effect for many people with various illnesses.

If metal-foil electrodes are attached at the ends of the soaked cloth, and the "compress" mode of ELPID is applied to them, this healing process will be amplified and accelerated several times! A same result can be achieved for about half an hour, instead of 6 hours regular compress. Plus the additional benefits from the electro-pulsing patterns.

The voltage is 3 to 8 V, relatively high current is allowed – over 100 mA, to enable using COMPRESS-mode as BATH – for children, for more sensitive, or slightly sore skin, or in other cases. Similarly, high levels of DENTAL can be used for COMPRESS.

And vice versa – BATH can be used as COMPRESS for more powerful effect, or when the skin is coarser and less conductive. The out level should be increased slowly, until slight pain-itching-vibrating is felt in the time of pulses.

In **SILVER WATER** mode a piece of silver wire, at a cost of \$10-20, can produce several gallons, \$50 to \$200 on the market each. This topic is quite controversial and commercialized. Although they usually discuss colloidal silver, more important, active, and beneficial are the silver ions. Since the process is in water, there always will be considerable part ions. Detailed discussion is beyond the scope of this manual. The used in ELPID algorithm and the 2 specific beneficial modulations, in fractal pattern, ensure a very good silver water. The included electrodes are suitable for about 16 fl oz (1/2 liter) container, preferably glass. They can be used many times, toggling on the "+" & "-" outs, cleaned with paper towel or plastic pot-scrubbing.

The timer step in this mode is 17 min – the "best time quant" for the purpose. Only 2 options – 5 or 3 steps (85 or 51 min) are suitable, without any pauses or other changes. Every second step is passive – almost no electric voltage is applied, but small amount of silver is dissolved in the water. In a similar way, a Church silver cross, placed in water for 1 night, produces the so-called *Holy water*. If we pour water into a small silver (>97%) container for 12 to 48 hours, it will become ~1 to 3 PPM Silver water, good for drinking.

Low mineralized spring water that gives a current at level 1 to 2 on ELPID (~3 to 12 mA) is the best option. If the conductivity is too high, it's not good for the purpose – that's why constant current cannot be applied. If too low – a little regular or epsom salt can be added. Same applies for the real distilled water, which can be a second option. The current can be regulated to some extent, by the position of the electrodes. If all this is applied, the silver will be no more than 30 PPM, without any risk of argyria. If the current is higher, the 51 minutes time can be used. To use distilled water and high voltage for this purpose, is damaging for the water on fine subtle level, and is not good for the health. The exact concentration of silver cannot be defined, because the process depends on many factors.

A good dosage is 2 tbsp in a small glass of beverage, 2-3 times daily, limits 5 to 20 tbsp (30 to 100ml) per day, depending on the case, person and weight; up to 2-3 weeks, then a rest 3-4 weeks. The other, often better option, is every 2nd day, up to several months. The too strict EPA standard is 350ug silver per day for adults, i.e. 2 oz (70 ml) 5 PPM silver water. In general, any not necessary dosage should be avoided and external application considered. The silver water can be stored in an opaque bottle, for no more than a month.

OPERATION

After switching "on", ELPID is in *Wait*, with the default parameters for about 15 min, then turns to *Stand By*, until 'Esc' is pressed. The power supply should be far from the basin, the device prevented from accidental drop into it, although this would be safe for the person, and for ELPID too. In such case all cables should be removed, ELPID and other dropped parts rinsed with water (mostly connectors) and left to dry in warm place for several hours or 1-2 days. Even if the inside is wet with the salty water, there will be no problem for the person nor for ELPID – after rinsing and drying, it will work perfectly again! But, of course, it would prefer not to jump in the basin! The enclosure