LAKMWO10 Lakhovsky Multi-Wave Oscillator Energy Machine using our BTC30 Tesla coil or other suitable high frequency/voltage source. Revision 3/19/18

Brief informational data for those who purchased the completed LAKHOVSKY

WARNING!! Improper contact with this device may cause annoying to painful shocks and burns. The unit is not for public use. It is not enclosed and can be a shock hazard. Use in a ventilated area as unit generates ozone This unit is sold for experimentation into alternative health remedies.

Neither the publisher nor the author makes any representations as to the accuracy of the information contained herein and disclaim any liability for damages or injuries, whether caused by or resulting from inaccuracies of the information, misinterpretations of the directions, misapplication of the information or otherwise.

This unit has been set and factory tested for run periods of up to 15 minutes with cool down times of equal amounts. If you extend the run period, the unit may fail but can be repaired where user assumes all costs

Most units come with several feet of green wire. This is intended to connect to an earth ground, such as a AC receptacle socket plate screw or other known ground point. It is not for connecting to the coil of the antenna, as this will greatly diminish the effects of the machine. Those who have good 3-wire grounded wall outlets need not to worry about this wire.

This unit produces a small amount of ozone. If you are using it in a small enclosed area, it would be a good idea to get some ventilation, such as an open window or a fan to blow the material outside. A slight pleasant odor, such as what is experienced after a thunderstorm is acceptable. Anything beyond that should be taken into consideration and reduced as mentioned.

The above photo shows the LAKHOVSKY multi-wave oscillator machine. Dr. LAKHOVSKY was a Russian researcher who experimented with the effect of high-frequency electromagnetic radiation on various parts of living organisms.

There have been many controversial claims about the health effects of this device. The theory is that all cells in a living body possess an intrinsic vibrating resonant frequency that can be energized by an external means, and that diseased cells appear to have a weaker and different frequency, which can be brought back into step with adjacent healthy cells. Some researchers have exposed cells to this full spectrum of electromagnetic vibratory energy to investigate anti-aging effects, and others have looked into the possibility of cellular regeneration to see if there was any potential in the fight against cancer.

We do not make any claims to the health effects of this device, and it has not been evaluated or approved by the FDA, so any usage must be through the experimentation of the operator. It is suggested that the Lakhovsky handbook is obtained (possibly available on Amazon), or other online information is researched, and methods of application and testimonials to the use of this controversial health machine are studied. And if you think (or know) you have an ailment, always consult your medical doctor first and foremost.

The spark gap is factory set to 3/64” This setting is very critical in determining the run time of your sessions. As of 3/19/18 this setting has been tested for run times of 15 min.
Theory of operation

Figure 30-2 shows a block diagram of the radiating coil and Tesla driver. The antenna coil contains a series of concentrically wound coil rings mounted in a flat plane. These coils all possess an inherent resonant frequency as a function of their physical parameters. Harmonics are also produced and together with all the coils oscillating now produce a near continuous spectrum of radio frequency energy.

A spark driven Tesla coil works well for this application as it generates many fast steps of current that are rich in harmonic content that drive the antenna coil.
Operation

9. **Pre-set the spark gap on the Tesla coil to no more than 3/16". Connect the tap lead for maximum inductance.**

10. Turn on the switch on the Tesla coil and note all the antenna coil rings adjacently sparking and arcing between one another. Note that the outer ring may be grounded to the chassis to increase output activity.

11. At this point it is recommended to obtain the referenced book (LSK1) Lakhovsky Multiple Wave Oscillator as referenced on table 30-1 and familiarize yourself with the potentials, treatments and experiments possible with this system. This book is available on Amazon.
L is the sum of L1 to Ln
C is the sum of C1 to Cn
R is the sum of R1 to Rn and is mainly the radiation resistance

The undamped current wave from the output of the Tesla driver induces voltages at many frequencies into the multi coils of the antenna.

Frequencies are the sum of the resonant sections ranging up to the gigahertz. L1 to Ln represents the inductance of all of the coils. C1 to Cn represents the capacity of all of the coils. R1 to Rn is the radiation resistance of each section.
Fig 30-6 Complete system with our BTC30

This graphic is figure 14-18 from chapter 14 in the first book in this series.

EXT1 Extension tube

SLP1 3" Slip coupling

Power lead is routed through the extension tube and makes connection with the output of the Tesla coil. Keep this lead short and direct.

BRK1 Stabilizing plastic bracket attaches to plate and upper deck of Tesla coil using small brass screws.

If S1 has a metal handle you may want to sleeve over a piece of plastic tubing to avoid annoying burns when turning unit off.

To CO1

To Safety Discharge Probe