

ACUSCEN Premium



The AcuScen Premium is without doubt the best value scenar on the market, giving the greatest number of features and flexibility for its price. It can basically do everything that the Pro+ can do, except take diagnostic readings. The Premium and has a Manual Mode which allows flexibility in the Frequency and Depth settings as well as the powerful Double Var Mode which is very useful when the problem is deep inside the skin or muscles. It is also capable of assisting with chronic as well as acute conditions and will give you much more depth and flexibility than the Auto model, with the additional capability to deal with a greater range of conditions.

ACUSCEN Premium brief:

- Listed as a certified Medical Device with the Australian Therapeutic Goods Administration (TGA)
- High manufacturing standards and dependability
- Solid Ergonomically Designed Plastic Case - fits neatly and naturally into the hand
- Two Electrodes made from high quality medical steel, located on the end and bottom surface (90 degrees to one another) with the back electrode slightly curved to allow work on the curves of the body
- 3 Modes of operation - Manual, Auto, Double Variable
- Backlit Digital Display
- Equipped with external jack so it can operate any of the 9 optional external electrode attachments
- Time delayed readouts - reading stays on the screen until next one is taken
- Programmable Memory - 3 personal settings can be loaded to memory
- Quality electronics that offers reliability that will outlast cheaper devices
- Operates from 2 AA batteries with "Low Battery" indication. Re-chargeable batteries accepted
- Leather Case, Training DVD, Passport Guide, User Manual & Practitioner Training Manual
- 24 months warranty with prompt exchange to the new device if faulty. Great customer service

Auto Mode

The mechanism of bio-feedback plays the main role to individualize therapeutic process while you apply AUTO mode. AcuScen generates pulses, sends them to the skin and also recognizes changes of the skin under electrodes and adjusts some characteristic of the pulses. When the skin's resistance has reached the optimal level, it is displayed on the screen and a sound signal is produced. This means that the minimum effective dose has been achieved for that particular skin area and treatment can now be moved to another location.

The AUTO Mode is used on a clearly defined area of pain or applied to an acupoint. Acupoints are specific areas on the skin that are also used in Acupuncture therapy. Start with the most painful point and keep the device stationary until the audio beep/display indication that the minimum effective Dose has been reached. Then the device may be moved to an adjacent areas and the process repeated until all the problem area is covered. In Auto mode only the Energy setting can be adjusted.

Ideal for quick first aid, treatment of minor muscle aches and pains, the acute conditions, general "pick-me-up" and stress-relief. There are several methods of the device application, all described in the Manual and based on TCM (Traditional Chinese Medicine).

Energy Output (adjustable units)	1 to 99 (adjusted)
Frequency (Hz)	77 (pre-set)
Damping (waveform)	OFF (pre-set)
Modulation adjustment	OFF (pre-set)
Depth (number of impulses in the block)	1-4 (Automatic)

Manual Mode

Manual mode is designed to apply individual settings so treatment can be carried out on specific conditions. You can adjust not only Energy, but also Frequency of the blocks of pulses, separate pulses within blocks, modulation, depth, damping and when working regime alternates with the pause, etc. The standard default frequency in manual mode is 77 Hz.

In this mode the device can be moved over the skin's surface and is particularly useful when working on large areas. The device is moved smoothly and slowly over the skin to locate "small asymmetries". Small asymmetries are areas of the skin which pinpoint where to focus treatment. They are identified by the electrode 'sticking' to the skin (almost a magnetic pull on the skin), the skin changing colour, the device sounding different, and/or the area is more/less sensitive than the surrounding skin.

Small asymmetries may not appear instantly but take up to a minute of working on the area to reveal them. Focus the treatment on the small asymmetries. When an effect of "stickiness" is evident the device should be moved in the "easier going" direction. Choose the direction of electrode travel, which reduces or eliminates the pathological characteristics of the area. If the treatment is successful the stickiness or other signs of small asymmetry will decrease or disappear.

The output parameters in Manual mode are fully adjustable

Energy Output (adjustable units)	1 to 99
Frequency (Hz)	Variable, 10,...30,...77,...120,...383
Damping (waveform)	1, 2, 3 and OFF
Modulation adjustment	1:1, 1:2, 2:1, 1:3, 3:1, 1:4, 4:1, 1:5, 5:1, OFF
Depth (number of impulses in the block)	1, 2, 3, 4, 5, 6, 7, 8, Variable, Auto

Double Variable (Var) Mode

Double Variable (DVar) mode is a unique powerful option which is not presented in any other electro-pulse device with bio-feedback. It is added to AcuScen devices for treatment problems which have a deep location within the body and is also used for acting on acupoints. The main idea of this mode was to change and automatically vary the depth of pulse penetration. As it is well known our skin looks like a multilayer capacitor, so it is necessary to apply various frequencies to penetrate at various depth of skin.

As this mode is especially effective for deep penetration into large muscle areas, it is very useful when the problem is deep inside the skin or muscles. In this mode both Frequency and Depth are pre-set to Variable. The Frequency (number of impulses per block) swings from 10Hz to 120Hz and the Depth (number of blocks per second) from 1 to 8 over a 30 second interval period. At its highest the frequency of the single impulse will reach $120 \times 8 = 960$ pulses per second.

ACUSCEN is CE-marked and is certified by the British Standards Institute (BSI) for pain-relief and stress management. EC Certificate No: CE 85858

ACUSCEN devices are listed with the Australian Therapeutic Goods Administration (TGA). EC Certificate No: CE 85858 and ARTG No: 157698

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