

ACUSCEN Pro+

The AcuScen Pro+ is our award winning top of the range model. Designed for professionals and therapists, it is an excellent device featuring everything all true scenar devices have to offer plus more. It features five output working modes including Auto, Manual, Scan, Double Var & Mio-Stimulation. One of the best features in the AcuScen Pro+ is the effectiveness and flexibility of the SCAN Mode function. SCAN Mode has diagnostic capabilities which allows for an objective analysis of the condition. This identifies the exact location of where to apply therapy. Only in the Pro+ can you have diagnostic capabilities and automatic dosage operating simultaneously with the powerful 'Double Var' treatment settings.

ACUSCEN Pro+ 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
- 5 Modes of operation - Manual, Auto, Double Variable, Scan, Mio-Stimulation
- 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 - 5 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
- A Set of Conductive Pads for use with the external jack included
- 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 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 area 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, acute conditions, general "pick-me-up" and stress-relief. There are several methods of the device application, all described in the Manual (included) and based on TCM (Traditional Chinese Medicine).

Manual Mode

Manual mode is designed to apply individual settings so treatment can be carried out on specific conditions. 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.

Parameter	Setting
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.

Scan Mode

SCAN mode unleashes the full power of ACUSCEN devices. In the hands of an experienced operator, it becomes an extremely powerful tool giving the greatest flexibility and range of options to treat almost any condition efficiently & effectively. It has it all, automatic dose capabilities, objective analysis of the treatment area (measurements are displayed upon the screen), and flexibility of all parameter settings.

SCAN mode is a diagnostic and therapeutic mode and it is only featured in the Pro+ model. It can detect the difference of electrical parameters between various skin areas and provides a way of objectively identifying the local variations in the skin impedance - thus the areas to focus the treatment upon. The electrical properties of the area of skin can be measured before and after the treatment - and the progress objectively estimated. It is useful for the complex cases when the cause of problem is not obvious.

In SCAN mode the Parameters are not preset. This allows the flexibility to set frequency, modulation, depth and damping settings to your choosing. You could, for example, set Frequency to 'variable' and Depth to 'variable' thus giving you the powerful therapeutic effectiveness of 'Double Var' together with automatic dose capabilities. In SCAN mode, not only will you obtain an objective analysis but the device will also automatically signal when treatment is complete.

Mio-Stimulation Mode

In this mode the ACUSCEN works similarly to the TENS machine. i.e. just as a pulse generator. Software analysis of the body reaction is not necessary and is not taking place.

The pulses sent in Mio-Stimulation Mode copy the message the brain sends to the muscle to make it contract during normal exercise. The conductive pads of the external electrode (included with the ACUSCEN Pro+) are placed over the motor points of the muscle group. When the passive stimulation is applied the muscle contracts just as if it is receiving a signal from the brain. E.g. the hand will jerk up/down - when the forearm muscle is stimulated.

Muscle stimulation is beneficial for an injured or paralysed muscle - as it exercises it also assists in the healing and strengthening of muscles. It is useful for tendon or ligament injury, degenerative muscle disorders, with re-occurring hamstring problems, sore knee, weak ankles or strained elbows, treatment of back pain, lumbago, sciatica, tension, headache, sport strains and all muscle related injuries.

It can also be used in beauty treatments for general muscle toning.

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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