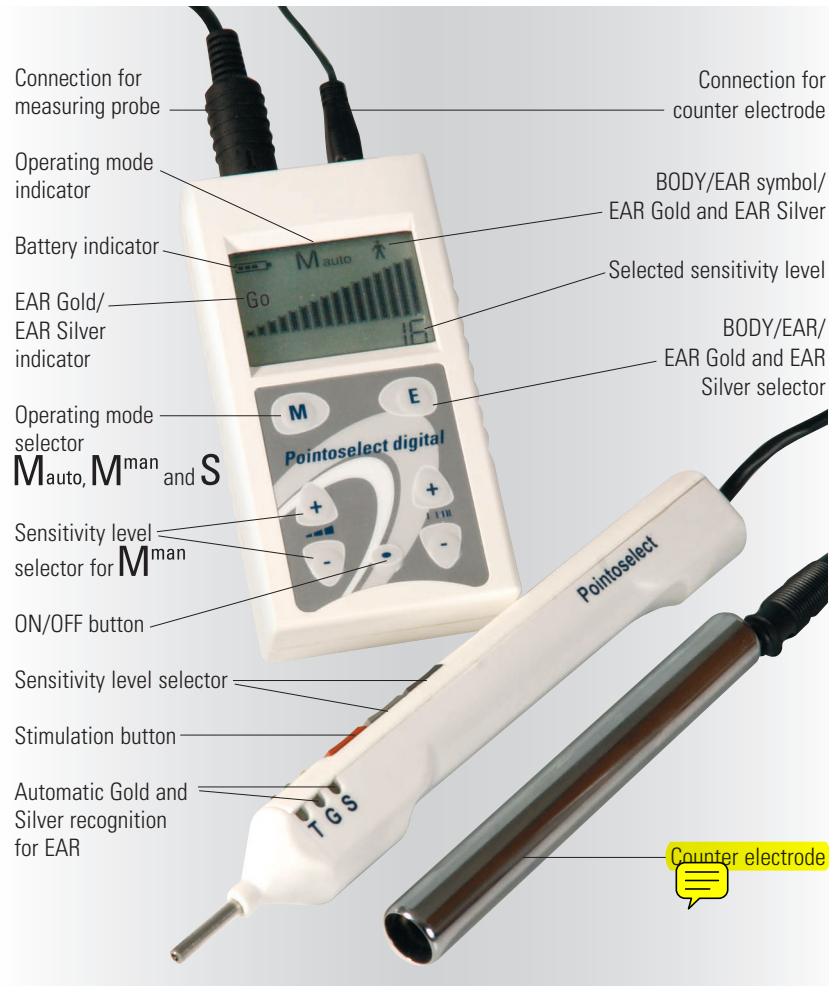


Automatic measurement/Manual measurement



Locating acupuncture points

The conductivity of the skin on an acupuncture point differs markedly from that of the surrounding skin and hence enables acupuncture points to be located by measuring skin conductivity. The extent of this difference is used as an approximation of the significance and state of an acupuncture point.

Gold/silver points

Depending on their energy levels, the acupuncture points located on the ear can be divided into gold and silver points. Gold points are areas that have insufficient energy and require stimulation, i.e. treatment with a golden needle; silver points have too much energy and require treatment with a silver needle. The LED on the handle of the Pointoselect helps practitioners to differentiate between the different types of acupuncture points by lighting up in different colours (green = gold point; yellow = silver point) and issuing different sounds (continuous sound = gold point; beep = silver point).

Selecting body areas

The Pointoselect Digital's parameters can be adjusted before locating points in a particular body area by pressing **E** :



Automatic measurements

The reference voltage is changed automatically until it is below the values measured by the inner and outer sensors (bar graph on the display). The changed reference voltage is shown as a bar graph and as a numerical value in the bottom right hand corner of the display. Every reference voltage is allocated a particular pitch of sound for easy recognition.

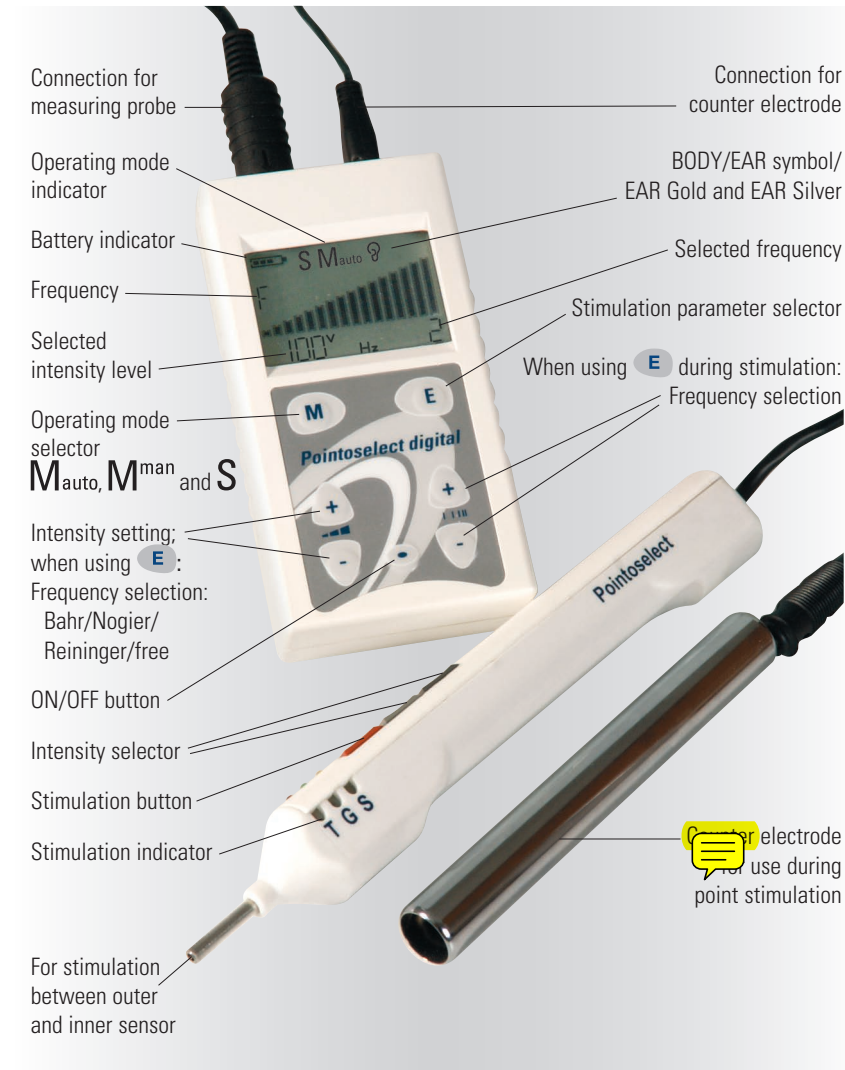
Manual measurements

The reference voltage is adjusted manually using the **+** **-** buttons on the handle or the left **+** **-** on the handle until it is below the values measured by the inner and outer sensor. The pitch of the sound signal is changed depending on the particular reference voltage and changes to the interval between sound signals are intended to help differentiate between gold and silver points when working on points located on the ear.

Acupuncture point location instructions

- Turn on the Pointoselect digital by pressing the **•** button.
- Use the **E** button to select the body area on which you wish to locate acupuncture points.
- Select the operating mode using the **M** button, i.e. the M_{auto} for automatic and the M_{man} button for manual location.
- Hand the counter electrode to the patient to hold for the duration of the treatment and use the measuring probe to locate the acupuncture points.
- While doing so, hold the measuring probe as vertical as possible and apply even pressure when moving it over the skin.
- The intensity of the reference voltage when using the M_{man} function can be varied by using the **+** **-** buttons on the handle or the left **+** **-** buttons on the unit until the point has been detected.
- If required, use the **T** button on the handle to stimulate the acupuncture point immediately upon detection (see next page for information on stimulating points)

Stimulation



Therapy function

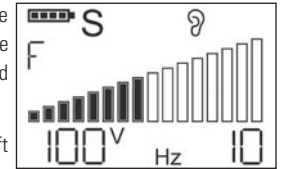
Following the detection of a particular acupuncture point, the Pointoselect digital enables that point to be treated immediately by stimulating it electrically. This needleless “electropuncture” enables acupuncture points to be stimulated or sedated by varying the frequencies and intensity levels of the stimulation function. The direction of the current is of no great importance with regard to this. Stimulation is always achieved using low frequencies (e.g. 2 Hz) and/or lower intensity levels or pulse durations; sedation is achieved using higher frequencies (e.g. 100 Hz) and/or higher levels of intensity or pulse durations.

Special frequency ranges

The Pointoselect digital has also been designed to work at the frequency ranges according to Nogier, Bahr and/or Reiningier. Information regarding the differentiated application of these frequencies can be obtained from the DAAAM (Deutsche Akademie für Akupunktur und Aurikulomedizin: www.akupunktur-arzt.de (German Accademy for Accupuncture and Auriculotherapy)) or the EAA (European Accademy for Accupuncture: www.eatcm.de).

Stimulation settings

- Turn on the unit and use the **M** button to change into **S**-mode. The display will now show all of most important parameters, such as the frequency range (e.g. Nogier F), the selected output voltage (100V) and the frequency (10 Hz).
- These parameters can be changed by pressing **E** and using the left **+ -**. This will bring up first the intensity level (0 – 200V), then the frequency range, the frequency (free frequency, Bahr, Nogier, Reiningier) and, finally, the pulse duration (60 – 120 µs).
- You can switch back into measuring mode by pressing **M**. Once an acupuncture point has been located, it can be stimulated using the most recently selected parameters by pressing **T** on the handle.

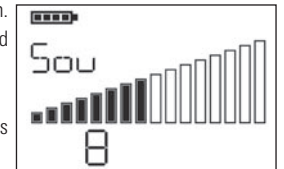


Caution: the intensity level can also be changed during stimulation by using the **+ -** buttons on the handle or the left **+ -** button on the unit.

Special features:

Volume:

Turn on the unit while simultaneously pressing **M** and the left **-** button. Use the left **+ -** button to change the volume. If you select 0 the sound function will be turned off and the **0** symbol will be shown on the display.



The unit will turn itself off automatically if no measurements or stimulations have been performed for more than 2 minutes.