

The Latest Member of the HiToP® Family

HiToP® Touch - now mobile



Full range of functions and ease of use

The HiToP® 1touch is an ideal complement to the HiToP® 4 touch and HiToP® 2 touch devices for use in sports clubs or private settings offering easy and safe on-site therapy in its newly designed carrying bag.

What are the main areas of practical use?

- Knee arthrosis
- Hip arthrosis
- Lumbar spine syndrome
- Cervical spine syndrome
- Thoracic spine syndrome
- Shoulder-arm syndrome
- Diabetic polyneuropathy
- Tennis elbow
- Pain following injuries and operations
- Physical and psychic stress and exhaustion
- Edema treatment
- Refreshment treatment for an overall vitalization

Important Information for U.S. Customers

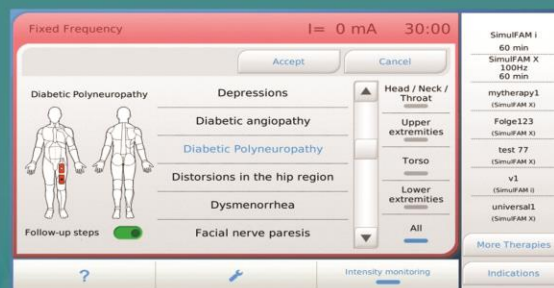
United States Food and Drug Administration may have not cleared certain indications and applications here.

HiToP® For Diabetic Polyneuropathy

**No numbness,
No paresthesia
Feel your feet again**



The High Tone therapy device (HiToP®) is based on the conviction that it's not only active exercise and sport that improve the metabolism, but "passive" exercise, in the form of external electrical muscle stimulation, plays a significant role. High Tone therapy creates this stimulation by acting directly and in-depth on the muscles producing pleasant, intense, and thus effective contractions. High Tone therapy applies frequencies between 4 and 32 kHz by optimally using human physiological characteristics to bring the cell structures into oscillation resulting in positively affecting metabolism processes. These oscillations surpass conventional electrotherapy as they introduce higher frequency, and therefore, a lot more energy to the human body. High Tone therapy significantly improves the patient's quality of life especially when medications fall short. Symptoms such as leg and foot numbness, burning, pain, paraesthesia, or muscle weakness caused by diabetic polyneuropathy, for instance, are typically treated by psychotropic drugs or epilepsy-related medications. These costly drugs are quite ineffective for diabetic PN, causing numerous side effects



hiltek

TEL: 949-620-1408 FAX: 949-620-1713
INFO@HITOPUS.COM
WWW.HITOPUS.COM

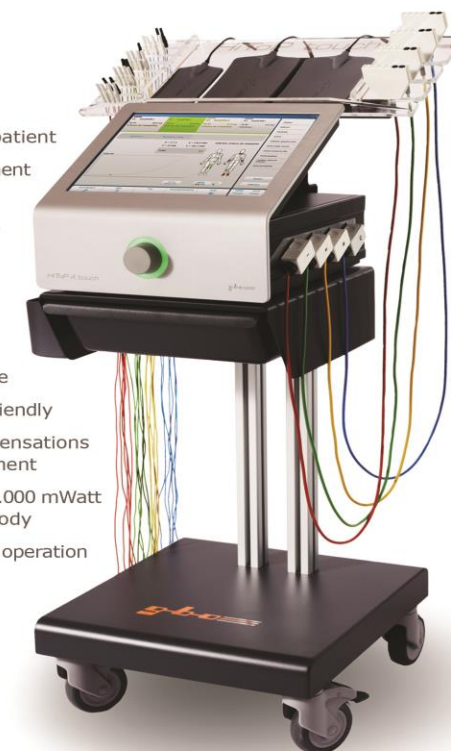
HiToP® Touch

Electrotherapy of the Next Generation

**Reduce pain
Add quality of life**

The innovative and unique HiToP® touch offers local and holistic pain therapy as well as treatment of various indications.

- Extremely comfortable for the patient
- Independent channels for treatment in different areas
- local and whole-body treatment
- Hands-free treatment setup
- pictures and applications for electrode placement
- Interactive help menu
- Easy to transport for flexible use
- Graphic demonstration of user-friendly
- Safety circuit to avoid voltage sensations caused by bad electrode placement
- Efficient electrical power of up to 5.000 mWatt is introduced directly into the body
- User-friendly and uncomplicated operation using a touchscreen
- Non-Invasive
- Zero downtime



HiToP®

A Quantum Leap in Electrotherapy Field



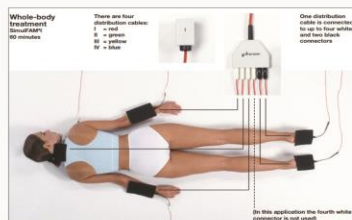
Reduce pain

Add quality of life

Local and holistic pain therapy along with treatment of various indications are among other characteristics of the unique HiToP® 4touch and HiToP® 2touch. This innovative technology brings about pain reduction significantly improving daily life quality while providing the therapist with a user interface so intelligibly designed to ensure an easy start with maximum user-friendliness. Yet the user interface gives a maximum level of usability: With one single touch, you can select a therapy from your list of favorites. Simply turning the intensity regulator allows a real QuickStart. The modern high-tech design with a brushed aluminum surface and the 15" TFT LCD full-color touchscreen monitor offer the health care professional an indispensable feature.

Medical Programs

- Rehabilitation
- Mobilization
- Muscle pump
- Trauma
- Edema
- Pain
- Polyneuropathy
- Lymphatic drainage



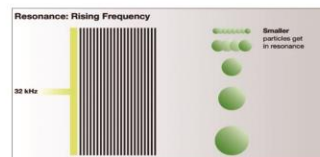
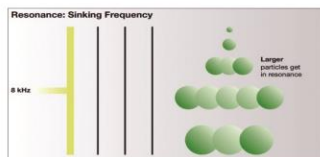
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HiToP® High Tone Therapy

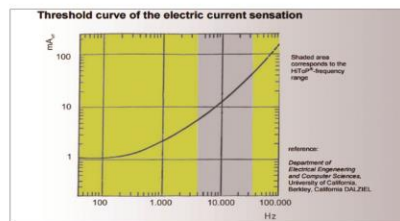
What makes HiToP® so effective

The human cells contain many charged particles, these particles oscillate in an alternating electric field generated by HiToP®. Different frequencies activate structures of different sizes, so, it is important to offer a broad spectrum of frequencies. High-tone alternating frequencies between 4096 and 32768 Hertz pass through the body in the form of an electrical field that makes the charged particles oscillate. Through these oscillations, the natural processes are facilitated and create resonances in the molecules and cell structures. These oscillations also increase the distribution of pain and inflammation mediators and have a positive effect on the transport of nutritive and waste substances. The result is an improvement in metabolic processes, purging, and pain relief.



How the energy is introduced into the cells

The threshold curve of the electrosensitivity defines how much energy can be introduced into the body. The higher the frequency of the energy entered, the more energy the human body can tolerate. The High Tone therapy operates in the range between 4096 and 32768 Hertz. So, up to 5.000 mWatt are introduced directly into the body.



What is High Tone therapy?

The SimulFAM® technology behind the uniqueness of the High Tone therapy device (HiToP®) allows the amplitude and the frequency to be simultaneously modulated. As a result, therapy is provided with a medium-frequency sinusoidal current ranging from 4096-32768 Hz which allows more energy to the body. The applied frequencies sweep ranges from 4096 to 32768 Hertz over 3 octaves in 72 quartertone steps of 1 second each. The amplitude of the current increases as the frequency goes higher and vice versa.

SimulFAM®

Simultaneous Frequency and Amplitude Modulation

SimulFAM® oscillations stimulate muscles and nerves vertically and horizontally through frequency and amplitude modulation, (Horizontal and vertical stimulation).

Origin of HiToP®

The High Tone therapy, has an additional effect on the cell's metabolism. It introduces energy into the body to increase cell energy potential and, makes the cell structures oscillate to normalize the metabolism. Treatment with High Tone therapy could last up to 90 minutes, and up to 4 channels can be used in parallel, with up to 10 electrodes.

