



Ritmscena Professional 'the doctor's choice'

Productsheet



Ritmscena Professional

Scenar technology, a breakthrough in non-invasive healthcare. Practitioners and research studies show that patients can recover up to 70% faster by interacting directly with one of the main control mechanisms of the human body: neural responses.

Ritmedic, licensed manufacturer and certified training institute of genuine Ritmscena equipment and treatment methods, offers a full service concept to help you achieve fast recovery in any situation possible. Ritmedic Ritmscena equipment meets high qualitative standards and is suitable for daily use in your hospital, therapeutic clinic or any other situation. The equipment is being produced in the Netherlands and is tested and certified (class IIA medical device) by the Medical Department of the British Standards Institute to guarantee high qualitative standards. Because of this the Ritmedic Ritmscena Professional is also known as 'The Doctor's choice'.

The Ritmscena Professional is a micro-computer with built-in electrodes that delivers complex electrical signals directly to the human skin. These signals stimulate the brain to generate neuropeptides, the key biochemicals needed by the body to heal itself.

The Ritmscena Professional employs sophisticated software programs (with elements of Artificial Intelligence) that automatically changes the signal waveforms and frequencies to prevent the body from adapting to the stimulation. Ritmscena Professional combines skin impedance measuring functions along with real-time feedback and constant adjustment to deliver just the correct type and amount of electrical impulses to the body.

The Ritmscena Professional is the most sophisticated and multifunctional model and it is designed for medical professionals to complement their treatment outcome. The Ritmscena Professional senses and measures the electrical activity of the body (skin impedance) and displays the information on its LCD screen. This allows the medical practitioner to choose the most appropriate mode of operation.

The Ritmscena Professional supports three diagnostic modes. Various Frequency modulations can be used for treating degenerative processes (low frequencies 15-60 Hz), or for treating inflammatory processes in acute state (high frequencies above 120 Hz) and acute and chronic pain (frequencies up to 340 Hz). The Ritmscena Professional can be set up with various amplitude modulations depending on the stage of the process, treatment area and the individual responses of the organism. Five Damping modes can be used according to the disease phase: acute or chronic.

The operator can control and modify the complex electrical waveforms and frequencies of the Ritmscena Professional such as impulse intensity, duration of gaps between impulses, power influence and other parameters of the device to achieve optimal treatment results. Up to 5 user defined profiles can be stored in the unit for future use. The device comes with an elegant genuine leather case and a 2-year manufacturer's warranty.

Specifications

Display

- Large graphic LCD display for real-time treatment information and parameter setting
- Information about initial reaction, current reaction, current speed of the change of reaction, biofeedback availability, actual parameter settings etc. in one convenient view
- Display colours: 2
- Colour backlight: Green
- Backlight options: on, off, auto off after 2 sec.
- Battery status indicator

Material

- All materials meet the requirements for medical use
- The safe built-in electrode is made of surgical quality, is free from silver and gold and can be easily cleaned or disinfected
- Ergonomic, user friendly positioning and angle of the built-in electrode for intensive use
- Useful and easy accessible push buttons to change the parameters

Inclusive

- Education
- Manual
- Batteries
- Leather case
- Warranty: 2 years

Power supply

- Voltage: 4,5 V
- Battery type: LR6, AA
- Number of batteries: 3
- Average power consumption is less than 1 battery sets a month

Sound

- Sound indication for treating status (IDM level indication) and parameters adjustment
- Mute function
- Power-off signal when the device is not used for 5 minutes

Operating facts

- Operating temperature: 10 - 35 C
- Transportation & storage temperature: - 50 – 50 C
- Weight: 0,4 kg
- Dimensions: 190 x 70 x 40 mm

Other

- Socket to connect external electrodes
- CE certificate class IIA medical device (BSI, London)
- TGA certificate
- FDA certificate in progress
- Upgradable application software en firmware
- Manufactured in the Netherlands

Functions

- Easy menu-driven adjustments of the parameters
- Diagnostic modes: IDM full option mode, joint screening mode, vector screening mode
- Real-time treatment information on the display
- Auto indication of the optimal treatment duration (IDM)
- Continuous mode
- Damping: 4 constant modes and 1 variable mode
- Amplitude modulation 1:1, 2:1, 3:1, 4:1, 5:1
- 'Bee' maximum modulation
- Continuously variable frequency range 15 – 350 Hz
- Variable frequency modulation mode (automatic): 30 – 120 Hz, 8 sec cycles
- Infinitely adjustable amplitude (1.7-2.5 .. 100-150 V)
- Special low amplitude mode with fine adjustment
- Intensity: 8 modes (number of pulses in the pulse-package)
- Pause between packages 200-1600 µsec. Infinitely adjustable and variable mode
- Up to 5 personal sets of parameters can be saved
- Timer

Ritmedic, empowering Scenar healthcare

Ritmedic is the manufacturer and distributor of genuine Ritmscenar products. Our therapist education and support program is executed by our own team of doctors. Ritmedic is part of the Ritm group, an international cooperation of manufacturers, designers, researchers, instructors and distributors of Ritm technology. Thanks to this, you are assured of the best equipment, the right education and a worldwide service. A combination that we are proud of and you can rely on.



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