Apparatus for magneto therapy

MAGNET 89M

The low-frequency magnetic field created by this apparatus has an analgesic and anti-inflammatory influence. It improves microcirculatory processes and local blood circulation. The apparatus is useful for clinics, hospitals and sanatoriums. Its application is appropriate for centers of cosmetics and physiotherapy in the big hotels, also. Thanks of its small overall dimensions & weight and thanks of its simple application the apparatus can be used also easy at home.

The apparatus for magneto therapy MAGNET-89M is designed for low-frequency magnetic field treatment in the cases of the following diseases:

Pulmonary diseases:
Bronchial asthma, bronchitis, bronciectasies, pulmonal tubercolosis, pulmonal and pleural inflammations and others.

Cardio-vascular diseases:
Arterial hypertension, ischemic heart diseases(IHD), heart attack, arterial obliteration of the limbs (endarteritis obliterans) acute and chronic venues insufficiency, Burger’s disease etc.
Surgical, orthopedics and traumatologic diseases:

Fractures, postoperative fistulas, infiltrations and others. The low-frequency magnetic field improves conditions for heal of the injured tissues and bone, promoting resorption of an inflammatory and traumatic edema, removing pain and itch. This is very important for old people and in the case of diabetes. The inductors of apparatus can be situated on the clothes or on the plaster in the case of fractures, immediately after the plaster setting is made.

Diseases of the joints and theirs peripheral tissues (periarthritis):

Osteoarthritis, rheumatic arthritis, arthrosoarthritis and others.

Neurotically diseases: Neuritis, radiculitis, discopathy, stroke and others
Dermatological diseases: Skin allergy, dermatitis, psoriasis, sclerodermy and others.
Gynecological diseases: Adnexitis, parametritis, mastitis.
ENT diseases:
Sinusitis, obits, M. Meniere, etc.

Ophthalmic diseases:
Dystrophy of the ophthalmic nerve, ratites, etc.

Dental diseases:

The low frequency magnetic field can be recommended for therapy of *Periodontitis chronica granulomatosa / diffusa cum / sine fistula, localisata, extracerbata.* These diseases develop after *periodontis acuta* or more often they spring up as complication after treatment of palpate or gangrene. According the classical methods in these cases the therapy is too long. There are problems with the hermaticallization of the teeth. Because of this magneto therapy is used together with the inner root treatment. The space configuration of magnetic field in the area of treated tooth can be determined by respective location of two inductors. It’s important to know that thanks of application of the low frequency magnetic field often is observed decreasing of the blood pressure. The curs of treatment continues to disappearing of the pain and creation of conditions for filling of the root’s channels with a permanent

Urological diseases: Prostatitis, postoperative fistulas, etc.
Cosmetics: Removing of the cellulite and degenerative situations after liposuction. Improving of conditions for renewal of tissues after plastic operations.

Depending on the cases (diseases, people) are used suitable inductors.

Normally the duration of one procedure is 15-20 min. Usually the period of the therapy includes 20 procedures every day or every other day. In the case of special medical recommendation it is possible to do two procedures per day (in the morning and in the afternoon).

The magneto therapy is well combined with other physical factors (laser therapy, interfered currents, ultrasound therapy, water and mud treatments). The magnetic field can be well combined with drug treatment, also.

It is necessary to do the application of magnetic field carefully in the cases of febrile statuses and oncological diseases.
**The application of magnetic field is contra-indicated in the cases of implemented cardio stimulators.**

The apparatus for magneto therapy MAGNET 89M is a new modification of the Bulgarian apparatuses for magneto therapy. It is designed on the base of two Bulgarian patents protected in Europe and Japan. It is possible to measure the magnetic field induction in every point near and on the human body during the procedure thanks to a magnetic field measurement device upgraded. The apparatus has many programs for therapy on the base of microprocessor. The parameters of magnetic pulses are indicated permanently by a digital display.

There are two regimes of the apparatus:
- automatically change of the pulse frequency;
- manual change of the pulse frequency;

There are two pear s of inductors. One of them is for ordinary application in the case of old people and the second one is for children or for the cases of dental, ophthalmic and ENT diseases. All inductors are hermetical and they can be used for water and mud therapy.

The luxury modification MAGNET 89ML is also available. This apparatus can be used together with two pears of inductors for application simultaneously on two people. The same luxury modification can provide a moving magnetic wave if the four inductors are located on the length of patient’s bed.

The apparatus can be upgraded using 2, 3, 4 or 5 pears of inductors (4, 6, 8 or 10 inductors), which can work simultaneously. It's possible to provide not only “static” magnetic field, but also “moving” magnetic field in the process of magneto therapy.

Technical data:
- Magnetic induction (maximum value) – 20 mT
- Frequency can be changed automatically with period 20 s or manually within the following ranges: 0-100 Hz.
- Consumed power (maximum value) 60 VA
- Supply voltage – 220 V / 50-60 Hz
- Overall dimensions (without inductors and magnetic sensor) 255 x 80 x 180 mm
- Weight (without inductors) – 2.5 kg

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