

MAG-Expert®

Pulsating electromagnetic fields for the relief of osteoarthritis pain
as well as sensory neurotoxicities





NEW - 3rd EDITION

MAG-Expert

Professional Magnetotherapy device for hospitals, rehab and physiotherapy centres

MAG-Expert is available in the following configurations:



MAG-Expert with anthrazit Coil Ø60 cm integrated in a therapy couch for magnetic field therapy of the spine, pelvis and the whole body

With the brand new **PHYSIOMED App** treatment protocols can be created, archived and processed!



Cylinder, Ø 30 cm for magnetic field therapy of the limbs and head



Magnetotherapy with set of applicators



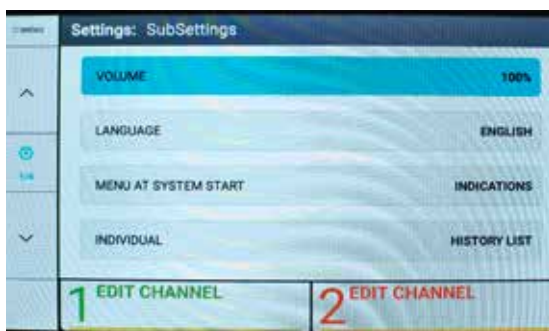
Two-channel magnetotherapy

MAG-Expert provides magnetic field treatment with a field-strength of 1–100 Gauss (adjustable in steps of one Gauss) and a frequency range from 1–100 Hz, with two completely independent channels and a treatment timer. Cylinders of different sizes as well as high performance applicators are available to maximise the efficiency of treatment.

MFC technology focuses the magnetic fields almost entirely on the inside of the cylinder. This avoids unnecessary exposure of the treatment team.



Das umfangreiche Indikationsmenü mit praktischen Filterfunktionen



Two-channel magnetotherapy with visible parameters that can be changed at any time

TECHNICAL DATA

Protection class	1, Type BF
Power connection	230 V ±10 % or 115 V ±10 %
Mains frequency	50 – 60 Hz
Fuses	4 A (at 230 V) or 6.3 A (115 V)
Power consumption	410 VA
Therapy frequency	1-100 Hz
Power output	1-100 Gauss
Dimensions (W x H x D)	245 x 100 x 310 mm
Weight	6.8 kg
Therapy couch:	
Dimensions (W x H x D)	630 x 680 x 2020 mm
Weight	63 kg

SPECIAL FEATURES

Magnetotherapy

- Magnetotherapy from 1-100 Gauss
- Therapy frequency from 1-100 Hz
- Two independent channels
- MFC technology for focussing magnetic fields
- Synchronous mode emission Ch1 and Ch2
- Therapy time 0-60 Min
- Automatic detection of connected accessories

Therapy couch

- Extremely stable treatment couch with pillow and hydraulic system for opening and easy installation of the coil
- Precisely manufactured sliding for easy and comfortable positioning of the coil

GENERAL FEATURES

- 7" colour touchscreen monitor visualizing all main parameters of the active channels
- 12 Favorites menu with speed-dial memory for individual device functions
- Comprehensive overview of the therapy parameters including all therapy timers
- Fastest therapy start: directly, through channel selection, from program memory of indications index, individual or favourites menu
- Treatment index with intelligent filtering functions based on body region, sorted in alphabetical order
- Extensive memory capacities, using the Individual, history and favourites menu.
- LED for visual indication of active channel
- Audible signal for indication of end of treatment
- PHYSIOMED App compatibility
- Report generation and error interpretation through QR-Code

STANDARD ACCESSORIES

- [1] Connection cable
- [1] Mains cable
- [1] Operating instruction
- [1] Test metal ring

Accessories depending on the configuration

- [1] Therapy couch with Coil Ø 60 cm, 230 V/115 V
- [1] Coil Ø 30 cm, 230 V or 115 V
- [1] Set of applicators 230 V / 115 V for local application

Magnetotherapy

With therapeutic magnetic field devices, pulsating magnetic fields (PEMF) can be applied at various frequencies and intensities to produce good effects, specially to regenerate tissues and bones. Coils and applicators of different sizes can be used. Magnetic field therapy can produce the following effects:

- » Pain relief
- » Suppression of inflammation
- » Acceleration of healing processes
- » Stimulation of blood circulation

MAIN INDICATIONS

- » Recent fractures and consolidation delays
Magnetic fields accelerate the consolidation time in a very high number of cases by stimulating the osteogenic activity at the fracture rime level.

The recovery process of bone discontinuity takes place through the induction of the piezoelectric effect in the connective structures improving the local circulatory conditions.

- » Pseudoarthrosis
Magnetic fields have been shown to be effective in treating pseudoarthrosis.
- » Osteoporosis
Magnetic therapy was effective in 70 % of cases with osteoporosis.
- » Inflammatory and degenerative arthropathy
Both inflammatory and degenerative arthropathies are treated by magnetic therapy. Positive results have been obtained for rheumatoid arthritis in hands and knees, spondylitis ankylopoetica, gonarthrosis and lumbar arthrosis

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