



NEW
3rd Edition

MAG-Expert®

The new benchmark in magnetotherapy
in a contemporary design



PHYSIOMED®
technology for therapy



MAG-Expert®

Professional magnetotherapy device for hospitals, rehab and physiotherapy centres



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



MAG-Expert is available in the following configurations:

MAG-Expert with anthrazit Coil Ø 60 cm integrated in a therapy couch – pillow included – for magnetic field therapy of the spine, pelvis and the whole body



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

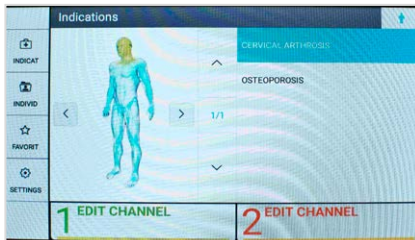


Magnetotherapy with set of applicators

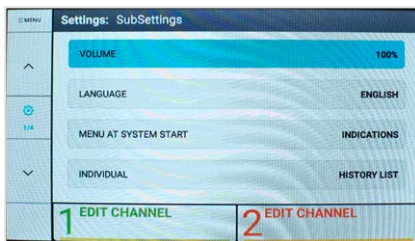
Two-channel magnetotherapy

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.



The detailed indication menu with practical filter functions



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

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

Technical Data

Protection class	1, Type BF
Power connection	230 V \pm 10 % or 115 V \pm 10 %
Mains frequency	50–60 Hz
Fuses	4 A (at 230 V) or 6.3 A (at 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

Standard accessories

1 Operating instruction

1 Mains cable

1 Test metal ring

1 Connection cable

Accessories depending on the configuration

1 Therapy couch with Coil \varnothing 60 cm, 230 V / 115 V

1 Coil \varnothing 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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