



User manual for:

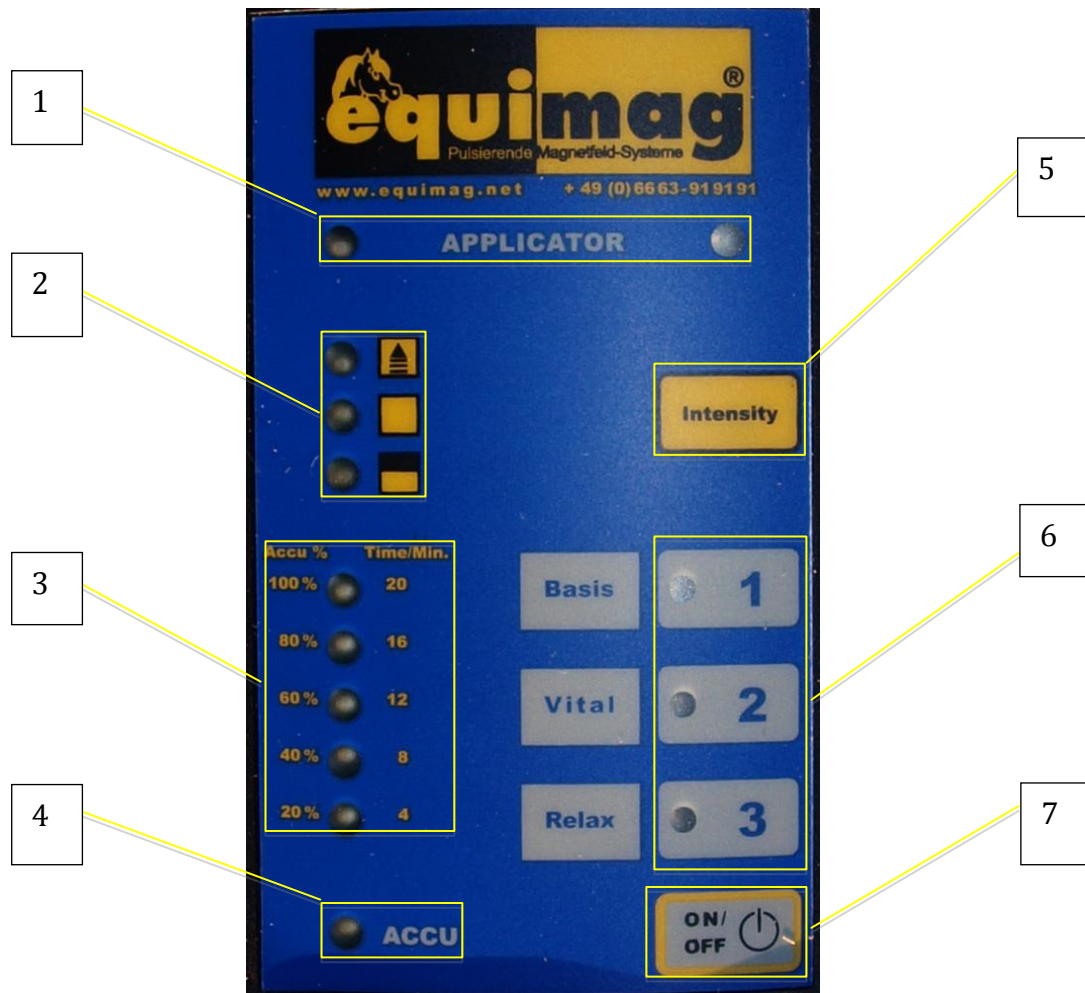
Equimag2 Control unit
Pro blanket
Basic blanket
Sports blanket
Compact mat
Leg spat
Intensive rod

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1.1 Control unit



**Do not operate the control unit with nails or other sharp objects.
Use your fingertips to turn on off and operate the control unit.**

The control unit must only be used with the following Equimag equipment:

- Equimag blankets (Compact mat, Basic blanket, Pro blanket and Sports blanket)
- Equimag leg wrap
- Equimag intensive rod
- Equimag neck piece
- Equimag adapter

1.2 Important precautions

Equimag therapy systems should never replace the need for contacting a doctor, veterinarian or other qualified health personnel. If in doubt, always check with your doctor, veterinarian or qualified health personnel before using Equimag.

Before using Equimag equipment always make sure to read the most up to date user manual in its entirety. User manuals can be found electronically at www.equimag.no.

Equimag treatment systems should never be operated by children under the age of 18. The treatment sets contain plastic wraps and small parts that may be a choking hazard to small children.

Store the equipment in a normal dry indoor environment. Do not store the equipment in a wet/moist environment or too hot or too cold.

Equimag products are designed for pulsed magnetic therapy treatment only as described in this document. Do not use for any other type of treatment. Only for external use.

Do not use if you are suspicious of damage or modifications to the equipment.

During treatment always keep the patient under observation.

Horses should be tied on both sides when receiving Equimag magnetic therapy. Keep the horse under surveillance during the entire treatment. Take note of how the patient reacts during and after the treatment.

Equimag magnetic therapy systems are developed for horses, dogs, cats and other small animals but are also applicable for use on humans.

2 Quick start

The control unit has 2 modes: 1. Single program and 2. Multiprogram.

Program selector (6)



The program selector buttons on the control unit

The basic program (with 50% intensity) is preprogrammed to start when the unit is turned on.

The control unit will always turn itself off after the final program is finished.

2.1 Basic program with 50% intensity:

Step 1- Press and hold the ON/OFF button (7).

The LED light (3) will first flash with the battery charge (%).

Release the ON/OFF button.

The program is active and the LED light (6) is lit.

2.2 Basic program with 100% or increasing intensity:

Step 1- Press and hold the ON/OFF button (7). Release the ON/OFF button. (The basic program with 50% intensity is now active)

Step 2- Select the intensity:

Press the intensity button (5) until the preferred intensity is selected (2).

For more information on when to apply different intensities please see 3.4 *Intensity*.

2.3 Vital or Relax program with intensity select:

Step 1- Press and hold the ON/OFF button (7). Release the ON/OFF button. (The basic program with 50% intensity is now active)

Step 2- Choose desired program with the program selector (6), "Vital" (Program2) or "Relax" (Program3).

Step 3- Select intensity.

Press the intensity button (5) until the preferred intensity is selected (2).

2.4 Multiprogram:

Step 1- Press the ON/OFF button. (The basic program with 50% intensity is now active)

Step 2- Select a different program (6). The program selected will have a blinking LED light.

Step 3- Select desired intensity:

Press the "Intensity" button (5) until desired intensity is selected (2).

Step 4- Select the first program (6).

Confirm the chosen program by holding the button for the program until the LED light is constant.

Step 5- When the LED light is constant- the next program can be selected by using the program selector buttons (6). Programs selected after the first will have a blinking LED light.

2.5 Example of multi program:

Here is how to choose a program which runs program 3 first, then program 2 and lastly program 1:

Step 1- Press the ON/OFF button to turn the control unit on (7).

Step 2- Select intensity (5).

Step 3- Select the first program to run (6), in this example we choose program 3. Select program 3 by pushing the button. Program 3 will have a blinking LED light.

Step 4- Press and hold the program 3 button until the light is constant.

Step 5- now select program 2 by pushing the button. The selector button for program 2 will have a blinking LED light.

Step 6- now select program 1 by pushing the button. The selector button for program 1 will have a blinking LED light.

If a different combination of programs is desired, the process for selecting them is the same as the example above.

After a multiprogram is started, the light on the active program will be constant. Programs in wait will have a blinking light.

The remaining time of the active program is shown on the indicator (3).

Please note that after selecting the first program (indicated by constant light), you only have 5 seconds to select the next program.

If nothing is selected, the single program will start.

If a multiprogram selection fails, start the process again simply by turning the control unit ON/OFF.

2.6 Connections

The LED light (1) is blue when a connection is successful.

If both connections are used both will have a blue status light.

2.7 Battery indicator

If the red LED light (4) turns on the control unit needs to be recharged.

Please see 5.1 *charging the control unit*.

2.8 Batteries

The control unit uses AA batteries of Ni-Mh type with 2300mAh capacity.

The rechargeable batteries should be replaced yearly.

After replacements always check that the batteries are correctly inserted and the lid is securely in place.

2.9 Unit serial number

The unit serial number for your Equimag control unit is found beneath the batteries.

3 Introduction to magnetic therapy

Both persons and animals radiate weak magnetic fields.

These fields are created by the chemical reactions in our cells where ions are constantly firing. Weak or damaged cells have reduced potential, but can be re-activated by applying magnetic therapy, thereby influencing the cells life cycle.

Pulsed magnetic therapy uses specific frequencies that penetrate the body and influence damaged and weakened cells.

Blood cells are accelerated and cause blood vessels to expand, increasing blood flow. Increased blood flow has several positives: increased transportation of "waste products" like cholesterol lactic acid and urea away from damaged areas. At the same time increased blood flow also increases the transportation of nutrients like amino acids, fatty acids and oxygen. Pulsed magnetic therapy thereby helps the body heal itself by re-energizing the cells.

3.1 Certification

Equimag is certified as medical treatment equipment by EU directive 93/42. The Equimag2 control unit is CE 0535 certified as therapy equipment for veterinarian and human treatment.

3.2 About Equimags treatment programs

The Equimag treatment programs are developed based on experience and publicized documents on pulsed electromagnetic therapy.

The treatment system is developed in cooperation with Dr. Med. Vet, Waltraud Geisel, Dr. Med. Hannelore Bliz (more than 30 years' experience as doctor and researcher specializing in magnetic therapy) and Dipl. Eng. Peer Kostal.

3.3 Choosing the right program

We recommend starting with the basic program (Program1) for 3-7 days. Preferably 2 times a day.

Some patients react by being tense in the beginning, this is normal, during the treatment most patients start to relax after just a couple of minutes.

For further treatment it is important that the patient is relaxed, therefore it is recommended to keep to the basic program until the patient relaxes.

3.3.1 Program 1 ("Basic"- relaxing)

This treatment program covers a lower frequency and is recommended for treating:

Pains, inflammations, small wounds and leg cramps.

Pains after falling, changes in ligaments and joints, hooves, stiffness and colic (only after checking with a veterinarian).

3.3.2 Program 2 ("Vital"- Energy restoration, increased performance and mobility)

This treatment program is recommended for chronic damages to joints and ligaments. It is also recommended for supporting intensive exercise programs and muscle building.

For horses that are forced to stand still for longer periods of time e.g. when recovering from injury, this program can help reduce muscle loss.

3.3.3 Program 3 ("Relax"- Regenerative)

This program is used for supporting muscle, tissue and bone regeneration. Recommended for back, shoulder and neck treatments. Supports spinal disc and nerve regeneration.

3.3.4 Multiprogrammes (Recommended combinations)

Program 1 + Program 2 in combination:

Recommended for supporting cell regeneration, immune system support and treating various forms of hypothyroidism. General prophylaxis for stationary horses.

Program 1 + Program 3 in combination:

Recommended for treating allergies and airway complications. General prophylaxis for stationary horses.

3.3.5 Program duration

The program duration is indicated by green LED lights (3). The lights show remaining time for the current program in 4-minute intervals.

Basic= 20 minute duration, Vital= 12 minute duration and Relax= 16 minute duration.

Program duration (3)



Shows remaining time for active program

3.4 Intensity

The Equimag 2 control unit has 3 different intensity settings (2).

It is recommended to use only the 50% intensity in a 3-7 day period when starting magnetic therapy for the first time. After the patient has reacted positively to the treatment intensity can be increased. Intensity can be changed at any time during the treatment.

3.4.1 Choosing correct intensity

50% intensity



50% intensity (2) should be used for any patient starting magnetic therapy for an introduction period of 3-7 days.

Recommended also for weak or poorly trained horses.

50% intensity should always be used when treating eyes!

Eye treatment should be no longer than 3-5 minutes.

100% intensity



100% intensity (2) can be used after the introductory period.

Recommended for treating back injuries and bone injuries. 100% intensity should also be used for leg treatment and when using the intensive rod.

NEVER USE 100% INTENSITY FOR EYE TREATMENT.

Increasing intensity



Increasing intensity (2) varies from 25%- 100% and is used for patients that are nervous or tense during treatment. Also very effective for stimulating muscles, removing muscle tensions and treating airway complications.

PLEASE NOTE THAT FOR LONGER PERIODS OF TREATMENT IT IS RECOMMENDED TO VARY INTENSITIES IN ORDER TO GET OPTIMUM RESULTS.

If you have further questions regarding intensity and recommended programs for your patient please contact a veterinarian or therapist experienced with magnetic therapy or contact your dealer.

4 About connected equipment (Blankets and intensive rod)

When equipment is connected to the control unit a blue light comes on (1).

If the blue light does not activate a connection error has occurred.

Turn off the control unit, reconnect the treatment equipment and try again. If connection errors still occurs check for dust/dirt in connector plugs or loose connections on the treatment blanket.

Turn the control unit on/off and try again.

Connected equipment should not become unusually hot during treatment. Normally functioning equipment will not get hotter than body temperature during treatment.

4.1 Equimag blankets

For mounting on a horse put the blanket on the horses back so that it lies straight where the horses mane ends. There should not be any air pockets below the blanket.

A correct mounting is important for the blanket to be secured in place and not slip.

The control unit pocket

The control unit has its own pocket that is attached to the blanket.

Attach the pocket by running the elastic band through the back of the pocket. Put the control unit above one of the buckles so that it does not slide down. The elastic band is then fastened across the horse's belly.

By securing the control unit above the buckle it is secured in a high position reducing risk of it being damaged by the horse moving close to the stable wall.

Chest band

The chest-fastening band can be adjusted in both height and length for proper fitting to the horse.

Tail band

The tail band is length adjustable and should be fastened below the tail.



Wörbi pictured with the Basic blanket

4.2 Equimag leg wraps

The leg wraps are highly flexible and can be used on legs, thighs and neck.

For leg attachment: wrap the leg wrap around the leg with Velcro strips in vertical position. Fasten with two Velcro strips.

When fastening on the horse's thigh make sure that the opening of the wrap is in the movement direction of the leg, if not the horse will feel like it is stuck when trying to bend the leg.

Always fasten leg wraps with the cable side up to minimize risk of the horse stepping on the cable.

For fastening on neck use 2 pieces of leg wrap extenders and 2 Velcro strips.

Fasten so that the cable is pointing down from the horse's neck. This placement makes sure that the cable does not interfere with the horse's headgear.

For using on rear legs, fasten the leg wraps with 2 Velcro strips.

In this position mount the leg wrap so that the cable points upwards.

For minimizing risk of horse and the equipment, lead the cable between the horse's rear legs and up to the control unit.

When using leg wraps in addition to a blanket, lead the cable through the yellow buckles on the blanket for a more secure cable placement.



Wörbi pictured with leg wrap and 2 extensions on the neck and one leg wrap on the leg

4.3 Using on dogs, cats and other small animals

The leg wrap can be used for treating small animals.

Small dogs and cats can lie on the leg wrap for treatment.

It is also possible to fasten the leg wrap on dogs back using the Velcro strips.



Ice with a leg wrap fastened with Velcro strip in the front

4.4 Equimag Compact mat

The compact mat is designed to be highly versatile and can be used for treating backs, legs and necks. The mat has polyester on inside and outside for easy cleaning.

For fastening on horses back use the elastic band around the belly and the shoulder fastener.

On horses fastening is easier by using a fleece rug as under layer. The compact mat can then be directly fastened to the fleece rug by using the Velcro strips. This makes sure that the mat does not slip.

Use of a fleece under layer will not affect the magnetic therapy.



Keisha lying on the Compact mat for treatment



The compact mat mounted on the back of a medium sized horse

4.5 Adapter for connecting multiple equipment

By using the Equimag dual head adapters multiple pieces of Equimag equipment can be connected simultaneously.

By using 2 adapters, 4 pieces of Equimag equipment can be used at the same time.

The adaptors are optional accessories that must be purchased separately.

4.6 The Equimag intensive rod

The intensive rod is used to treat locale injuries. The rod is also highly effective on acupuncture points.

It is possible to use the intensive rod at the same time as one of the treatment blankets.

When using by itself set intensity of the rod to 100% (2), except eye treatment, which should always be 50% intensity.

The intensive rod is used directly on points of injury.

Hold the rod directly on to the treatment area for the duration of the program.

Intensive rod treatment time:

The intensive rod is very effective on smaller areas. 3- 5 minutes of treatment is usually adequate. The short periods of treatment can be repeated 2 times a day.

Often this will yield better results than a longer single period of treatment.

For treating eyes keep the treatment short (maximum 3- 5 minutes) and intensity on 50%.

Recommended programs for the intensive rod:

For acute/critical injuries, wounds or hot swellings use basic program 1.

For chronic injuries use a multiprogram of Basic (program1) and Vital (program2).

For restitution and rehabilitation (cell regeneration) use Relax program (program3).

For treatment 2 times a day do one program in the morning and one in the evening.



The intensive rod shown in treatment direction->

The intensive rod is an optional accessory and must be purchased separately.

5 Other

5.1 Charging the control unit

When the red light (4) on the control unit turns on recharging is needed.

Normally there is sufficient charge for another 1- 3 treatments depending on program and intensity.

The control unit is charged with the supplied wall charger. While charging the LED lights will turn on in sequence (3) as well as the red LED light (4).

When fully charged the red light will blink.

It will continue to blink until the charger is disconnected.

5.2 Charge level



From empty battery to fully charge time is approx. 12 hours.

TURN THE CONTROL UNIT OFF BEFORE CONNECTING THE CHARGER.

5.3 Using the car charger

The Equimag car charger can be used by connecting it to a car cigarette plug. Do not use any other car charger than the original Equimag unit. Using other chargers may overcharge and damage the control unit.

5.4 Errors during charging

If charge level is not sufficient after charging the charging process may have been interrupted.

The charging process will be interrupted if the control unit becomes too hot. Let the control unit cool down and try charging again.

If charging still fails the batteries may be in need of replacement. Also make sure that the batteries are correctly in place and check the charger cable for damage.

5.5 Other errors

There are very rarely errors on the control unit.

If you experience one of the following:

1. Control unit will not turn on.

Solution: Is charge level sufficient? Check that the batteries are correctly seated and the battery lid secured in place.

2. The control unit will not charge.

Solution: Check batteries for replacement, replace if needed. Check charger plug for correct seating and check charger cable for damage.

3. The batteries do not last long.

Solution: The batteries are most likely in need of replacement. See section 2.8 for correct size and capacity.

4. A plug is loose or does not work.

Solution: Check for dust/dirt on plugs and connectors. If using Equimag blankets check the detachable cable. Clean with microfiber cloth and/or pressured air if needed. Contact dealer if problem still persist.

5.6 Cleaning

Cleaning the blankets, mats and leg wraps:

Remove the inside magnetic coil from the blanket or mat. With the inside removed the blankets and mats are machine washable on gentle cycle 40°. Do not run centrifuge cycle. Do not tumble dry. Do not iron.

THE INNER PART OF THE BLANKETS AND MATS CONTAINING THE MAGNETIC COILS ARE NOT WASHABLE. NEVER WASH THE INSIDE PART!

Cleaning the intensive rod:

The intensive rod is most easily cleaned with an antibacterial wet napkin.

The handle can be cleaned by a moist microfiber cloth, be careful to not use excessive amount of moist. Dry immediately with a cloth or tissue paper.

DO NOT SUBMERGE IN WATER. DO NOT USE CLEANING LIQUIDS DIRECTLY ON THE ROD.

For other questions regarding Equimag products, contact your dealer or the official distributor QMA AS.

Email: support@equimag.no