



Quantron Resonanz System

The Original.

Operating Instructions

QRS-201 Salut with integrated Feedback



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Key to the Symbols


Quantron-Resonance-System containing:
Control unit with integrated applicator and feedback-function


Description: The control unit generates a variable (pulsating) magnetic field at the applicators (integrated or external applicators).


Tested: EC-guidelines for medical products, appendix IV - medical products 93/42 EC

Symbols:  Attention: follow the accompanying documents. Correct disposal of appliance has to be carried out according to legal requirements

IP40 4 = Protection against penetration from foreign elements: >1mm diameter
0 = Protection against penetration from liquids: not protected

 Appliance of safety class II

 Application part type BF

 Full disconnection from the mains grid is by pulling the plug

Certified and Patented Worldwide



Internationally Patented
German patent
DE4122718



QRS is an officially
registered medical product



Gold medal at the world's
largest Inventor's trade
Fair in Geneva



Certified Europe-wide for
development and academy

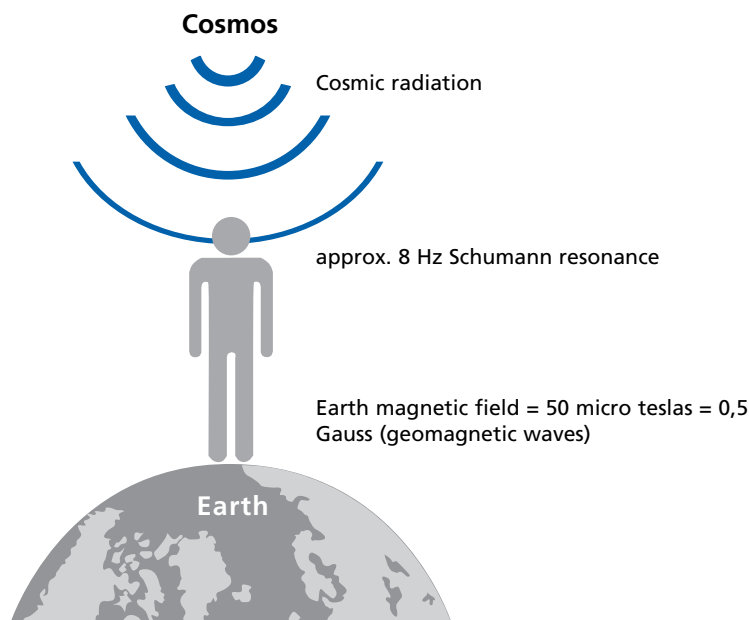
Function and Effects

The Quantron Resonance System is the result of more than 20 years of fundamental research by leading international scientists. A qualitative breakthrough has been achieved with this system in the domain of magnetic field therapy, placing this therapy on a sound scientific basis, which will ensure its place in medicine.

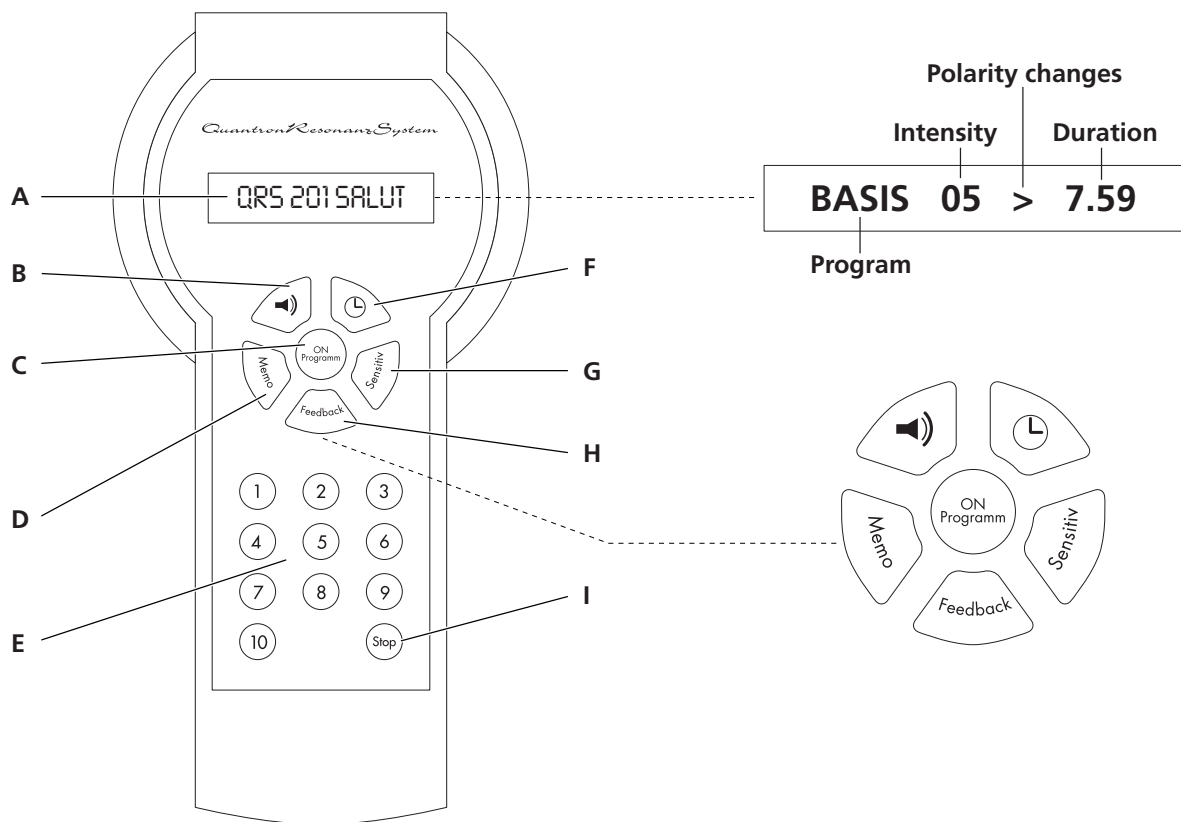
The internationally patented Quantron Resonance System is a physical therapy system which offers, with the help of magnetic fields, an ideal opportunity to do something for your own health and to support performance ability. It generates an automatically controlled pulsating magnetic field, which activates resonances in the body and therefore reinforces the natural biomagnetic state of the organism. This activates the entire metabolism, stabilizes the immune system, as well as improves cell regeneration. The magnetic field fully penetrates the body and strengthens weakened body functions in a natural way. **International investigations and user results have not found any detrimental side effects. In its regulations, the World Health Organisation (WHO) considers a magnetic field strength of up to 100 micro-Tesla at 50Hz as safe.** The Quantron Resonance System (QRS®) uses field strengths that are far below the WHO limit (on level 10 with approx. 30 micro-Tesla). It can be perfectly adapted to each person's individual needs. After 8 minutes or after an individually set time (1-60 minutes) the control unit automatically switches the magnetic field off.

Intended use: The Quantron Resonance System (QRS®) provides pain treatment and has almost limitless applications. It provides for the vitalisation of the cells and supports their metabolism through optimized ion-transport. **The process is patented worldwide (Patent No. EP 0594 655).**

WHO = 100 micro-Tesla, Magnetic field of the earth=50 micro-Tesla (50 μ T)=0.5 Gauss
QRS® 101 = 30 micro-Tesla (30 μ T)=0.30 Gauss








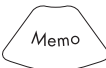



Function of Equipment



- | | | |
|----------|--|---------------------------|
| A | Multi-function display | |
| B | Tone ON/OFF key | (pre-set) |
| C | ON/Programm Turns control unit on, selects therapy programs | (start key + program key) |
| D | Memo - Program setting memory | (start key) |
| E | 1-10 Setting of field strength | (start keys) |
| F | Therapy timer 1-60 min.; (std. = 8 minutes) | (pre-set) |
| G | Sensitive key (Intensity is 10 times less than setting I) | (start key) |
| H | Feedback (starts the integrated feedback-sensor) | (start key) |
| I | Stop-/OFF key | (stop key/off) |

Key Functions

[ON/Program]	Press once: Switching on the appliance Press twice: Selection of therapy program Go on pressing: Basis, Vital or Relax	
[Tone]	On/Off switching of signal tones	
[Program duration]	Pre-setting of program duration (1 to 60 min)	
[1..10]	Setting of signal strength, program starts Setting 1 equals approx. 3 µTesla Setting 10 equals approx. 30 µTesla	 
[Feedback]	You can find the optimal signal strength (amplitude window) with the integrated feedback sensor and start the appliance automatically: program starts	
[Sensitiv]	Setting for sensitive signal strength, program starts Signal strength approx. 300 Nano Tesla (0.30 µTesla)	
[Memo]	Repetition of the last program sequence	
[Stop]	Finishing a program Switching off the appliance	

Display of Program Sequence

Example:

BASIS 08 < 07:59

Basis

= Selected therapy program: (Basis)

08

= Selected signal strength: 8

<

= Polarity of the magnetic field - reverses every 2 minutes

07:59

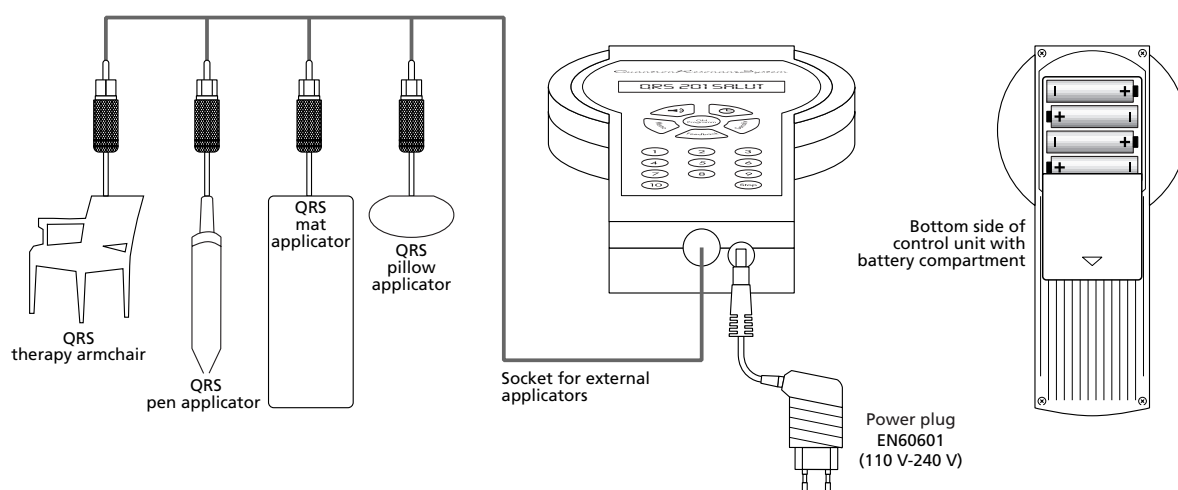
= Remaining therapy time: (min:sec)

Appliance Operation

Overview select and start programs:

[] = press the key „.....“ = text on the display

- Connect the applicator (pillow, mat, pen, chair) to the left socket. If no external applicator is connected to the control unit, the integrated applicator is activated automatically.).
- For charging the batteries of the control unit, connect the mains adaptor to a power outlet and plug its other end into the right socket on the bottom side of the control unit. (charging of batteries takes up to 12 hours). **Never start charging process without batteries in the control unit!**



- Switch the system on by pressing the key [ON/Program]
- Text appears on the illuminated display
- This is followed by an automatic appliance test of all system functions.
The display shows (x.yi stands for the actual software version)

In case of serious errors the appliance signals an error code and switches itself off.

- Proper function displays:
- The appliance is operational and is waiting for input.
The following display appears

ON
Programm

QRS 201 SALUT

SYSTEMCHECK x.y i

SYSTEM OK

PLEASE SELECT

How to Program National Languages

- In OFF-function press and hold the [stop] and at the same time press the [ON] key once. Hold the [stop] key until the display shows DEU[1]-ENGL[2]
- If you want English as the language, press the key[2], then appears (x.yi shows the software version).
- After "Please select" appears, you can choose the therapy settings as described on pages 6, 7 and 9.

Stop

ON
Programm

DEU[1] - ENGL[2]

2

SYSTEMCHECK x.y i

PLEASE SELECT

Quick Operation Instructions

FUNCTION

KEY SEQUENCE

Switch appliance on
An automatic system check
takes place, after which
the following display appears

press [ON/Program] once



SYSTEMCHECK x.y i

SYSTEM OK

PLEASE SELECT

Start Program

Start the standard program:

The display shows:

BASIS 01-10 < 07:59

Feedback start

press the feedback sensor key
(only with external applicator connected)



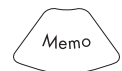
Sensitive start

press [Sens] for sensitive setting



To repeat last program

press [Memo]



Finish program

press [Stop] during program



Switch off appliance

display shows "Please select" press [Stop]

Pre-settings

Select therapy program

press [ON/Program] several times,
until desired program is displayed



Preselect therapy duration

hold down time/duration key or press
several times, until the desired duration
is displayed (1..60min) (Standard 8min)



Tone on/off

press key, the setting goes into memory



Memo Operation

Through pressing the memo key, the last program sequence including all settings
(therapy, duration, field strength, tone and applicator...) can be repeated. The program
sequence is memorized automatically.



Control Unit and Pillow Applicator K1

The patented Salut control unit generates, in the Mat applicator or Pillow applicator, a pulsating magnetic field of the body's own frequency pattern with an exactly defined waveform. The field strength corresponds to the biological windows of humans. To achieve an optimal effect the field strength was designed to be variable, because the electro sensitivity is subject to variations depending on the health of users and the acidity of the blood. The field strength or intensity of the magnetic field can be chosen via the settings 1 to 10 or Sensitive.

The control unit automatically switches off after 8 minutes, unless it has been individually programmed from 1 to 60 minutes. Treatment with the QRS® magnetic field triggers positive effects on the human organism which continue for up to 8 hours.

To vitalize and stabilize good health in healthy people we recommend 2 treatments per day, about 8 hours apart.

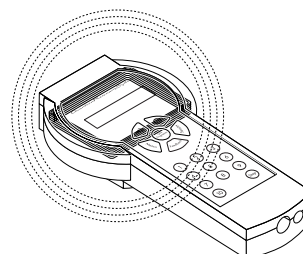
Attention: The magnetic field effectively spreads up to 0.3 metres sideways and up to 1.2 metres vertically, which means that people in the immediate proximity during treatment will receive a gentle stimulation. People not requiring treatment should remain outside the above-mentioned range.

The STOP key can be used to interrupt the program at any time.



Integrated Applicator

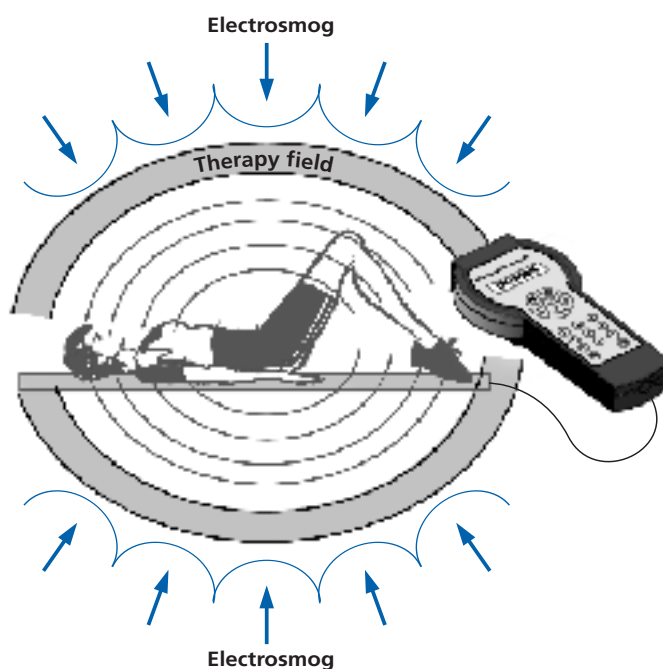
If no external applicator is connected (pillow, mat, pen or chair) your QRS 201 Salut automatically activates the applicator integrated in its control unit. Please find information referring to the individual field strength of the different applicator types on page 11.



Mat Applicator M1

The Mat applicator generates a magnetic field of variable strength depending on the settings 1 to 10 or Sensitive. At setting 1 the magnetic field strength is approx. 3 μT , climbing linearly. At setting 10 the magnetic field strength is about 30 μT . The magnetic field is evenly distributed over the entire length and width of the mat.

For tall people - above 180cm - the head should be placed beyond the edge of the mat, as the magnetic field is effective for about 0.30 metres beyond the mat and up to 1.2 metres vertically. The body is nestled into the magnetic field and evenly stimulated



Intensities in micro Tesla (field strength) measured directly on the applicator +/- 10% tolerance:

Setting	Mat (μT)	Pillow (μT)	Integr. (μT)
Sensitive	0.3	0.4	0.1
1	3	4	1
2	6	8	2
3	9	12	4
4	12	16	6
5	15	20	8
6	18	24	10
7	21	28	12
8	24	32	14
9	27	36	16
10	30	40	18

Protection from Electro Smog

During therapy the appliance ensures that electro smog cannot pollute the body and therefore degrades the therapy. Only QRS® has this ability, a process which is patented internationally.



European patent 0 621 795
PCT-WO. 94/11062

Magnetic Field Pen Applicator MFS 1

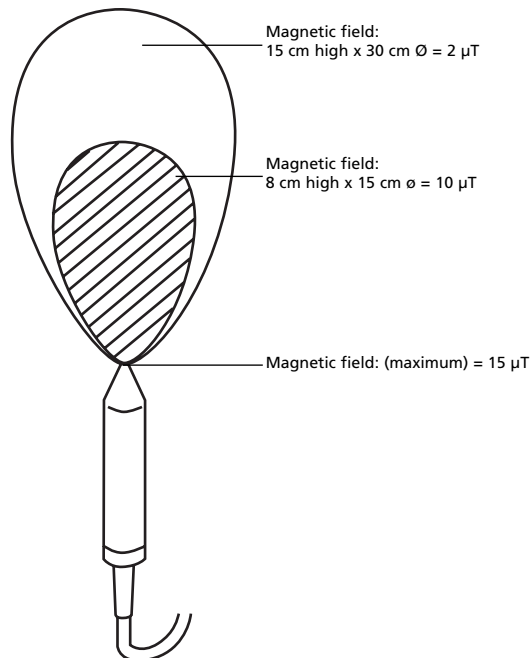
The magnetic field pen applicator generates a cone-shaped magnetic field from a point source, with the highest field intensity at the point of the pen.

Applications: Local application: preferably at small joints (finger, jaw, elbow), in the case of localised pain (tennis elbow) or in the case of indications in the head area (eye, ear, jaw and nasal cavity). Selection of intensity and time is the same as for the pillow.

Acupuncture: The pen applicator is especially appropriate for children and adults with a fear of needles.
Stimulation: 60 seconds per acupuncture point, Setting 8-10
Sedation: 3 minutes per acupuncture point, Setting 1-2
Maximum therapy time: not limited
Prescriptions for daylight hours: none; exception in the head area (in the evenings only low intensities) Also appropriate for acupuncture massage

Advantages: Deeper action e.g. as a laser
Less precision, but higher probability of success
Longer lasting stimulation

Magnetic field conditions on Setting 10:



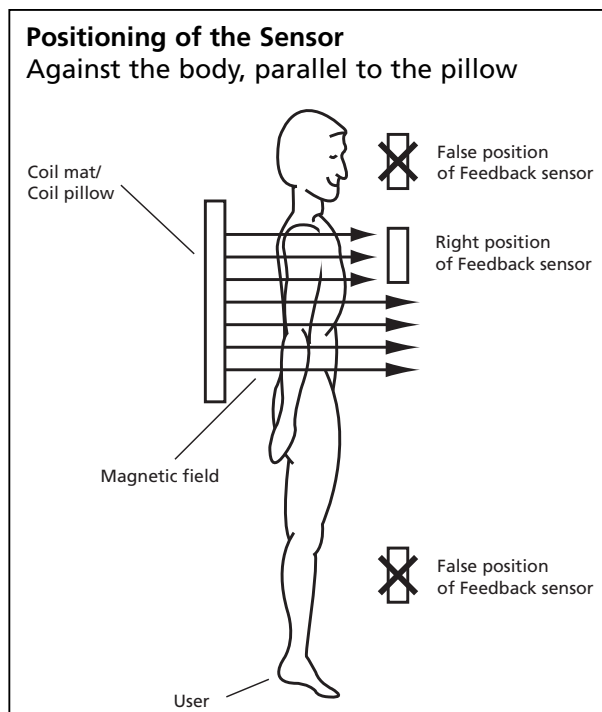
Setting	Intens. (μT)
1	1.5
2	3
3	4.5
4	5
5	7.5
6	9
7	10.5
8	12
9	13.5
10	15

Application integrated Feedback-Sensor

The new patented QRS-Feedback-Sensor quickly and precisely calls information from your body that it needs to optimally adjust your QRS system to your vital functions. The result is an optimal ion transfer and energy supply with each QRS application, customised for your body. The adjustment of your QRS® system is controlled automatically by your Feedback- Sensor.

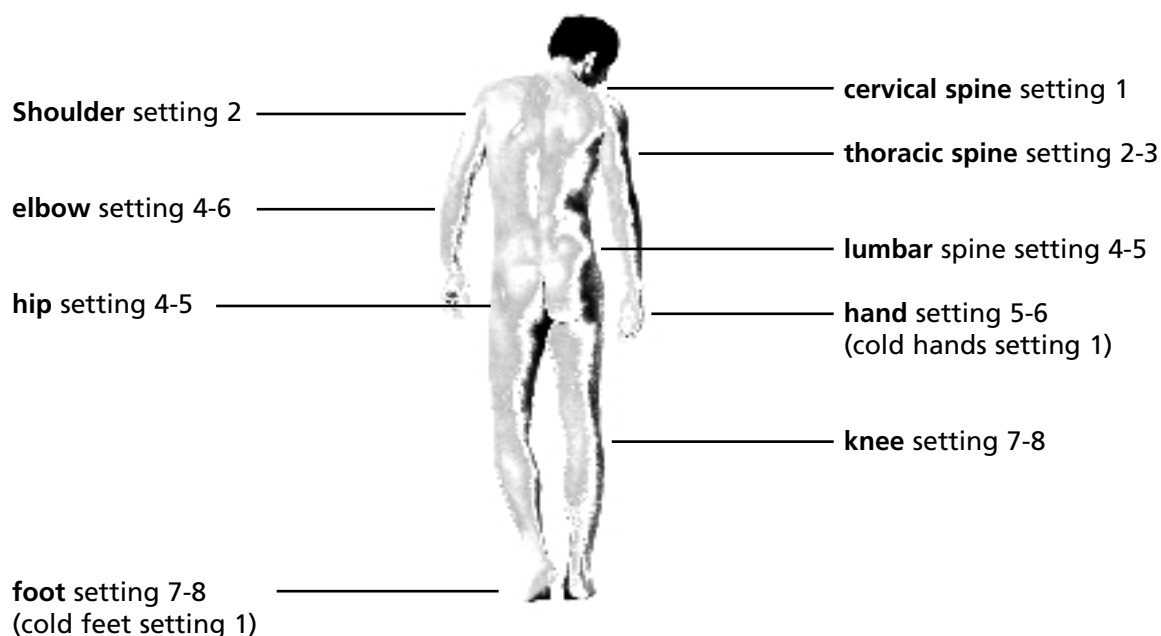
The QRS 201 features a feedback sensor integrated into the control unit. To determine the right field strenght for your condition, hold the control unit close to your body opposite the applicator (as shown in pictogram „positioning of the sensor“) and press feedback.

Note: The integrated feedback sensor can only be used with an external applicator connected to the control unit.



QRS - Dosage Guidelines Pillow Applicator

Following are some setting indications for the pillow applicator
(Please increase by 1-2 levels when using the integrated applicator.)



QRS Application

Information regarding the magnetic field strength settings is on page 13.

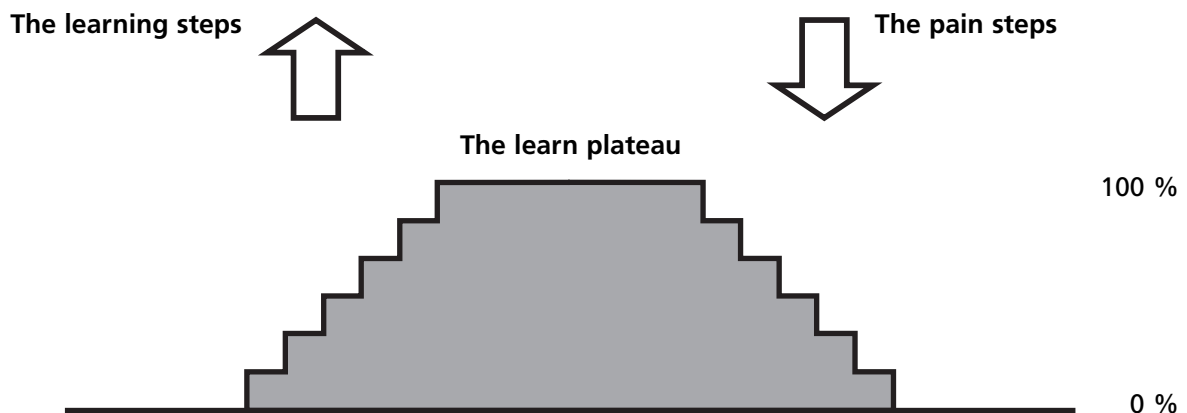
In the initial phase of therapy feel free to vary between levels 1 to 6 to find the most pleasant and effective setting for you!

Treatment times: Possible treatments per day: 3 times (morning, midday and evening). After 6 PM the setting of the Basis program should not be higher than setting 5. Use the Relax program to avoid negative influence on sleep.

Therapy duration per day: Up to 2 hours is safe (according to a study by Prof. Dr. Dr. A. Varga, Heidelberg).

The Pain Memory

The learnt pain memory works in steps, up and down. After every improvement a slight pain can start again, until the pain level is brought down to 0%.



Advice for Optimal Effectiveness

1. Drink a glass of water before and after each treatment.
2. Try to relax the body.
3. Support the body with vitamins, minerals and trace elements (especially magnesium).
4. Take regular, aware and balanced nutrition.
5. Avoid radical diets.
6. Regularly apply QRS therapy.
7. Do not abruptly stop medication.
8. Use correct QRS control unit setting.
9. Correct position of the patient during QRS therapy.
10. Correct position of the pillow applicator.
11. Combination therapies with light, heat, therapeutic exercise etc. are recommended.
12. QRS sneaking-in, (that is a slow increase of the field strength dose in the early stages of treatment) is recommended.

3 Reliable Programs

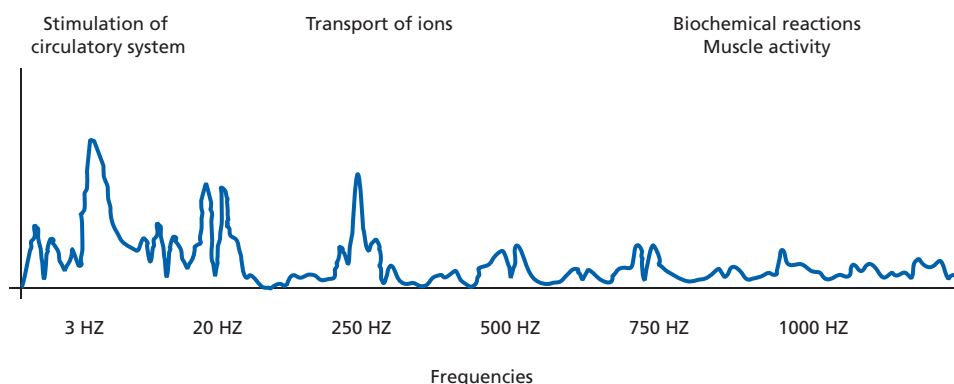
Basis, Vital, Relax programs

Experience with the reliable and internationally patented QRS® -signal has lead to the QRS® -201 magnetic field therapy device with 3 programs, with intensities ranging basically from setting sensitive, to 1 and up to 10.

The Basis-program is the traditional and effective QRS® -program and is applied using the Treatment Advice recommendations. It covers the frequency spectrum from 0.1 to over 1000 Hz.

This Basis-program is described in the international patent "Device for transporting ions, especially protons". Extract of the patent text:

"As the experiments showed, basically every biological organism can be treated, especially organisms with a blood- or lymph-circulation. The device is recommended for treating humans in the medical and sporting fields, above all in cases of bone fractures."



The Relax Program

Indications: Relaxation, immune system stimulation, reduction of sleep disorders. To achieve these effects, special frequencies for the circulatory system were reinforced in the Relax-program, compared to the Basis-program. It can be used with the settings sensitiv, 1 to 4.

If keys 5 to 10 are pressed the display shows [MAXIMUM 04]

MAXIMUM 04

The Vital Program

Indications: increase of vitality and attention (also of elderly people), reduction of sensitivity to weather changes. Also in the Vital program, in comparison to the Basis program and Relax program, special frequencies are reinforced whilst others have been eliminated.

Important Advice in Regard to QRS - 201

Although there is no experience of adverse side effects, as a precaution, the QRS system should:

- not be used in the first three months of pregnancy
- only be used under medical supervision in cases of severe fungal and bacterial invasions, as well as in the case of illnesses where fever is present
- only be used under medical supervision if there is a tendency towards epilepsy
- be used on the advice of a QRS® competent healthcare professional in the case of all other diseases

QRS® therapy is safe when applied to people with metal implants and pacemakers which were certified under Norm EN 50061.

General Advice

- In cases of allergic reactions always cover the applicator with non-allergenic fabric or paper.
- In the case of an increase in blood pressure, as has occasionally been observed in the initial stages of QRS treatment, lower the field strength by 1 to 2 settings, until the body gets used to QRS treatment. Possibly reduce the duration of therapy to 2 minutes and then slowly increase it again.
- In the case of dizziness, which can happen initially, lower the field strength by 1 to 2 settings and/or reduce treatment to once a day.
- In the case of chronic diseases an initial worsening can happen analogous to treatment with homeopathic medicines. Do not stop the treatment. Biological initial worsening is a sign of incipient reactions and/or the loosening of blockages in the body. If in doubt ask a QRS competent doctor, natural therapist or homeopath.
- A second worsening can occur again after several weeks of QRS treatment. Both duration of treatment and field strength should be reduced and then slowly increased again.
- **When taking prescribed medication** consult a doctor because medicines could or should be reduced over time.

Advice Concerning the Appliance

- Only the supplied mains adaptor is to be used to operate the appliance.
- The appliance must not be operated in extremely humid or hot rooms.

Advice Concerning Treatment of Babies and Children

- The appliance is not to be used without supervision (by an adult) on children under the age of ten.
- Children tend towards surplus reactions; therefore babies should be treated with setting sensitive only. Children between the ages of 2 to 10 should be treated with settings sensitive 1 to 2 only.
- The pillow applicator is recommended for treatment of babies on setting sensitive. Another possibility is to use the mat applicator and lie on it together with the baby or child on the adult's chest.

Cleaning and Care

Before cleaning the appliance disconnect it from the mains (unplug from power point)!

Control Unit, Pillow Applicator

Do not immerse in water! Use normal household cleaners for synthetic materials, eg. Palmolive etc. Only wipe with a damp cloth. Be sure to keep sharp, pointed objects away from mat applicator or pillow applicator.

Do not expose the system to direct sunlight and protect it from frost.

Placing Mat under a Mattress

The mat can be placed under a mattress that is not thicker than 20 cm. In such cases the applicator should be set one setting higher, e.g. setting 2 instead of 1 etc. In the case of an inner spring mattresses the intensity should be set 2 settings higher. A woollen blanket should be placed between the mattress and the mat in order to avoid undesirable bacteria or fungi caused by sweat.

Maintenance

No special maintenance or inspection is necessary. **Warranty claims can only be guaranteed if the repairs are carried out by the manufacturer or authorised specialist staff. Otherwise this warranty is void.** The appliance is only to be used for its intended purpose and only original spare parts are to be used.

The appliance is to be visually checked for obvious physical damage by the operator (user) on a regular basis. If there is any type of damage do not use the appliance and send it to the manufacturer for repairs immediately!

The appliance must not be opened, otherwise this warranty is void.

Fault Finding

If the appliance can't be started with [ON/program] key, pull the supply plug out of the control unit.

- Have the batteries been inserted into the control unit ?
- Are the batteries charged? If not, charge them using the mains adaptor.
- Is the mains adaptor properly connected to both power outlet and control unit?
- Is the main adaptor's green signal lamp on ?
- Is the power outlet you are using working properly (check fuses) ?
- Is the control unit's display illuminated while charging ?

If the appliance can not be started with the [ON/program] key, pull the supply plug out of the device, press on the [ON/program] and [STOP] keys, put the supply plug again into the control unit and press the [ON/program] key.

QRS Parts and Accessories

Product name:	Control Unit QRS 201	Order-No.:	201-00
	Mat Applicator M1	Order-No.:	500-01
	Pillow Applicator K1	Order-No.:	500-02
	Pen Applicator MFS1	Order-No.:	602-00
	QRS Therapy Armchair	Order-No.:	204-00

Technical Data

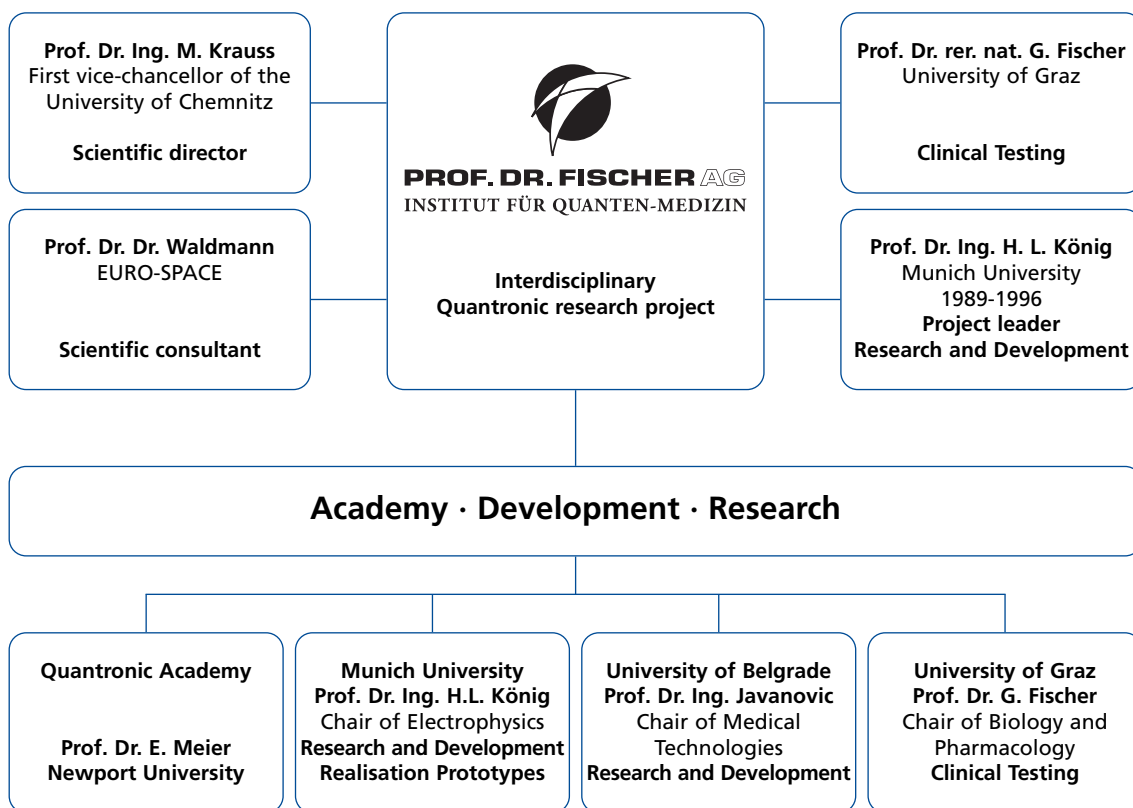
Control Unit

Power supply: Fréquence nominale:	110/230V~ only mains adaptor supplied 60/50Hz; use "list of authorized accessories" (or according to instructions on mains adaptor)
Operation:	Continuous operation
Température de service:	+10°C to +40°C
Storage temperature:	0°C to 70°C
Outlet voltage on applicator socket:	Max. 3V pulsating voltage
Applicator connection:	6.3 mm Stereo-Cinch jack
Safety grade:	II
Safety precaution:	BF (for electrical shock)
Intensity levels:	keys 1 to 10 + sensitive
Intensity indicators:	1 * 16 dot-matrix LCD
Application duration:	8 minutes (automatic switch-off) 1 to 60 minutes adjustable
Application current reverse:	Every 2 minutes
Application end:	Automatically after set time or manually with stop key
Application current:	appr. 170 mA at level 10 appr. 30µT appr. 120 mA at level 1 appr 3µT moving linear
Applicator 1:	Mat Applicator M1
Loops:	Enclosed in cotton-cretonne
Cover:	Vinyl or cotton-cretonne
Applicator 2:	Pillow Applicator K1
Loops:	Enclosed in cotton-cretonne
Cover:	Vinyl or cotton-cretonne
Magnetic field strength:	Max. 30 µT for the mat, approx. 40 µT for pillow
Case:	PS-Polystyrol
Manufacturer:	MAGNOVIT INTERNATIONAL Produktions-und Handels AG Industriestrasse 651, FL-9492 Eschen

Manufacturer's Liability

- The appliances are under warranty according to current laws if maintenance, care and repairs are carried out as described earlier (page 20) in these Operating Instructions. Otherwise this warranty is void.
- All accessories must to be authorized by the manufacturer, especially the mains adapter. Otherwise this warranty is void.
- The manufacturer reserves the right to modify the product at any time. Your QRS consultant will inform you about QRS options and accessories as well as current prices.

QRS® development participants are/were: 1986-2002



Clinical Testing and Research

Marburg University Hospital

**Under medical direction
of University of Graz**

University Hohenheim
Cell division

University Moscow
Cardiovascular conditions

**University
Medical University Gate**
Ion transport etc.

TV broadcasts

**about Prof. König
and Quantron therapy**



ARD



BAYERN 3



NORD 3



N-TV



ZDF

Bibliography

**Fundamental Principles
of Quantronic Therapy**

Prof. Dr. rer. nat. G. Fischer
Prof. Dr. E. G. Fischer, (Austria)

The Invisible Environment

Prof. Dr. Ing. H. L. König, (Germany)

Quantronic Medicine Report

Dr. E. G. Fischer, (Austria)
Prof. Dr. E. Meier, (Switzerland)

Body Electric

Prof. Dr. med. R. Becker, (USA)

**Physiology of Magnetic
Field Treatment**

Dr. rer. nat. Otto Stemme



Quantron Resonanz System

The Original.



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INTERNATIONAL

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