

MEDICINE

Rapid and efficient
overview diagnosis:

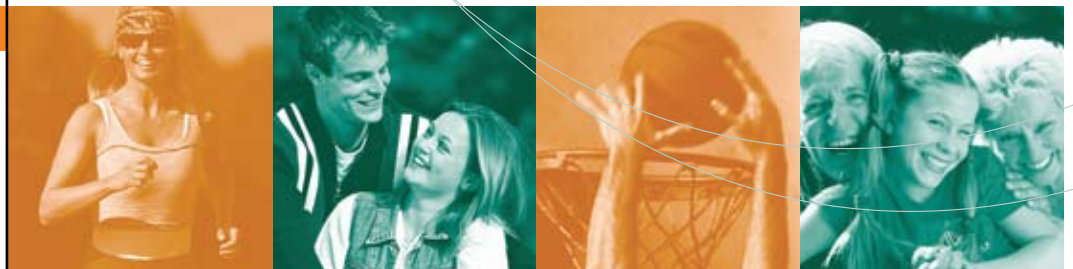
- Acute symptoms**
- Pain ailments**
- Chronic illnesses**
- Allergic predisposition**
- Inflammation foci**
- Stress situations**
- Energy reserves**
- Acid-base balance**



SPORT

Sports medicine
evaluation:

- Constitutional muscle analysis**
- Optimal training time**
- Training effectiveness**
- Body Mass Index (BMI)**
- Training pulse rate**
- Fitness and dietary advice**



Check medical sport

New dimensions in health checkups
in the areas of **Medicine** and **Sports Medicine**

OVERVIEW DIAGNOSIS WITH CHECK MEDICAL SPORT

The lab results are NAD – and yet the patient complains of symptoms: this situation is encountered more and more often in clinical practice. An increasing number of patients exhibit clear symptoms even though no clinical/morphological finding can be diagnosed. These so-called "functional disorders" (psychosomatic, endogenous, etc.) are a typical phenomenon of our time. They are triggered, for example, by malnutrition, environmental toxins, fungi, parasites, heavy metals, electrosmog and stress. Functional disorders weaken the patients' internal defenses; they lack energy and suffer from allergies, sleep disorders and other variable symptoms.

Check medical sport rings in a new diagnostic era, because the device has capabilities made possible only by decades of experience, research and development.

Check medical sport checks the patient out literally from head to toe. The device gives doctors and therapists information about the patient's overall state of health. It indicates, in graphic detail, where the functional disorders are in the patient's body. **Check medical sport** draws up diagnostic information and therapeutic recommendations that can be printed out.

Check medical sport is the end result of ground-breaking modern medical research. Doctors and therapists, with all their knowledge and abilities, continue to be in demand, but **Check medical sport** provides enormous aid in arriving at a diagnosis, since the device provides detailed information about disorders that can not always – not by a long shot – be registered by classical investigatory methods such as EKG, X-rays, ultrasound, computer tomography: inflammation foci, hidden or chronic diseases and allergic predispositions can be detected with the **Check medical sport**.



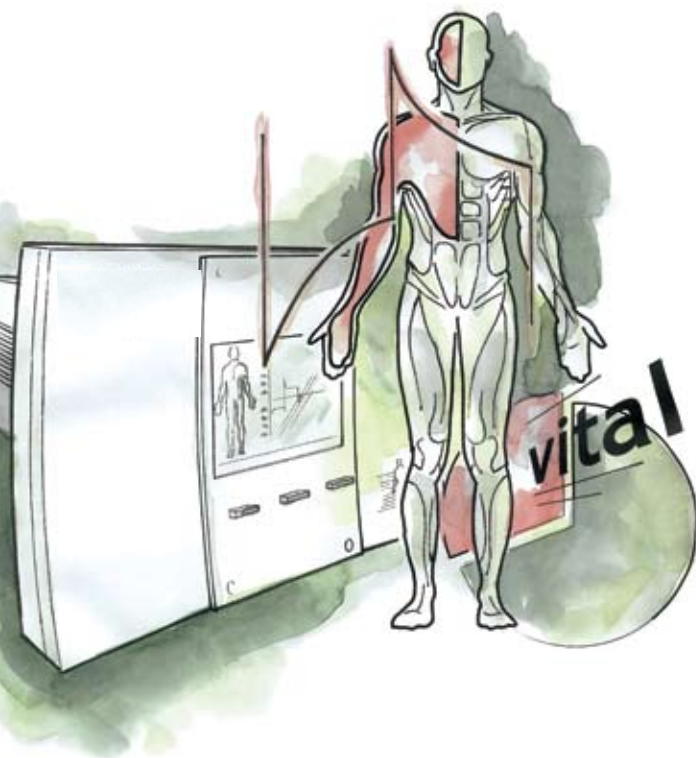
Functional design in combination with the latest medical technology



The measurement can be tracked at any time on the easy-to-read display screen



Quick and efficient overview diagnosis with a minimum time expenditure



MODE OF OPERATION

Wegamed early on recognized the increase in functional disorders: development of Segment Electrog-raphy, able to register functional dis-orders in the body, was begun over 25 years ago. The basic scientific research for this was carried out at Heidelberg University's Institute for Occupational and Social Medicine, and at the Pulmonary Specialist Clinic of the Württemberg/Hohen-zollern State Welfare Association

Check medical sport needs just six electrodes attached to hands, feet and head. In four consecutive preprogrammed sequences, alternating positive and negative 13Hz pulse-current trains are conducted to these electrodes. **Check medical sport** records the electrical param-eters of the individual segments.

Measurement takes place over 7 measurement segments (deriva-tions), each of which addresses specific organs. The measurement results of each derivation allow con-clusions to be drawn regarding the energetic situation and the function of organs and organ groups, as well as their influences.

A living organism is subject to many regulatory influences, such as daily and monthly rhythms. Less well known, however, are the influence

of quite short-term rhythms on the body, which are bound up with metabolic processes. It is precisely these biological fluctuations – regu-latory behavior at the seconds and minutes level – that **Check medical sport** makes use of: the device mea-sures the electrical parameters of predefined body segments and their regulatory behavior. Each deviation from the normal range indicates a disturbance.

Thanks to decades of experience and research, Check medical sport can classify the characteristics of these deviations and derive diagnostic information from them.



Check medical sport measurements can be delegated – and only take a few minutes



Preliminary diagnosis, guidance diagnostics and checking therapeutic progress with Check medical sport



Measurement graph output of the 7 derivations

MEDICAL EVALUATION



Quick and efficient overview diagnosis in these areas:

- Psychoneuroimmunology
- Vegetative system
- Acute ailments
- Chronic complaints
- Allergy predisposition
- Organ disorders
- Inflammation foci
- Detoxification situation
- Stress situation
- Microbial plane
- Viral burdens
- Environmental stress

Area diagnostics

Significant deviations are typical of certain somatic disorders. **Check medical sport** diagnoses acute, inflammatory, degenerative or allergic diseases, reporting the affected areas or organs, while also detecting disturbance fields and displaying them graphically.

Evaluation factors

The evaluation factors are an important part of interpretation. These show the body's reactions during the measurement, and provide information about regulatory and energy behavior, tissue reaction and chronic disorders. The graph evaluation enables conclusions to be drawn regarding the organism's regulatory capability, and helps localize inflammation foci.

The 7 derivations are made up of the following combinations:

Indication diagnostics and therapy recommendations

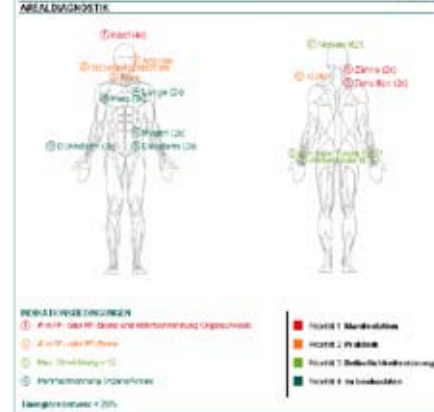
Indication diagnostics derives from deviations from normal behavior in certain body regions. The therapy recommendations are based on proven procedures.

Energy reserves

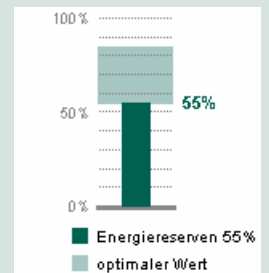
The **Check medical sport** "thinks for itself": from the diagnostic information that its measurements have yielded, **Check medical sport** ascertains the stress situation as well as the patient's energy reserves. This gives the user a quick overview of the patient's overall state of health. With the energy reserves, the doctor can monitor and document the improvement in general condition over the course of the therapy.

Acid-base balance

The accumulation of acids in the organism might be due to poor eating habits – but a plentiful supply of liquids helps to maintain the acid-base balance. **Check medical sport** shows whether the body has a tendency to hyperacidity.

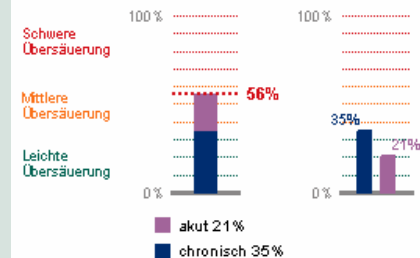


Detecting disturbance fields with area diagnostics



The energy reserves provide a quick overview of the patient's state of health

SÄURE-BASEN-HAUSHALT



Determining the acid-base balance



Constitutional Muscle Analysis

Piled too many weights on the exercise machine? Office work tensing up neck and back muscles? **Check medical sport** tracks down severely stressed muscles and weak spots in joints and the spinal column, displays them graphically and recommends a suitable training program.

Optimal Training Time

At what time of day is the body most ready for training? Even orthodox medicine knows that the human body alternates phases of rest and activity. In the active phases, muscles respond particularly well to training, whereas in the rest phases they are very sensitive and injury-prone. **Check medical sport** ascertains the athlete's status and calculates the optimal time of day for training.

Fitness and Nutritional Advice

Forgot to take rest breaks during training? Too much protein and too little ballast in your diet? Giving your body enough fluids? On the basis of the whole-body functional measurement, **Check medical sport** determines what the body needs and when the athlete has had too much of a good thing. The individualized fitness and dietary advice rounds out the training plan.

Training Effectiveness

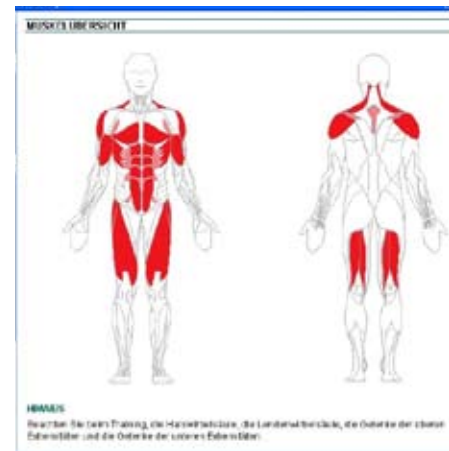
Check medical sport ascertains the athlete's dynamics – i.e. the body's ability to quickly access available energy reserves during training, since this ability is the foundation of effective training. With the aid of these dynamics values, the trainer can determine how demanding the training plan should be.

Body Mass Index (BMI)

Too fat, too skinny – or just right? The BMI expresses the ratio of body weight to height, and serves internationally as a rule of thumb for ascertaining over- or underweight. **Check medical sport** calculates the Body Mass Index (BMI) and modifies its training recommendations if the trainee is over- or underweight.

Determining the Optimal Training Pulse Rate

At what pulse rate does the body burn fat? In which range is endurance enhanced? **Check medical sport** individually ascertains the optimum range for the training pulse rate.



Constitutional muscle analysis

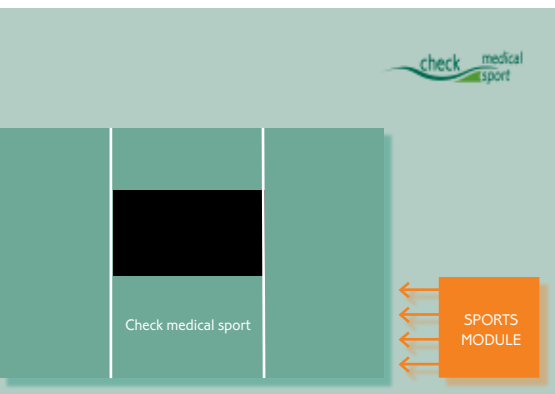


Fitness analysis



Optimal training time

THE CHECK MEDICAL SPORT MODULE



Check medical sport

- Simple electrode attachment
- Automated sequence within minutes
- Delegatable device operation
- Diagnostic information saves time
- Color printout of measurement data
- PC keyboard for simple and comfortable operation

Optional:

- WEGAMED.NET PC-Dokumentation

– Check medical sport Basic Version with medical evaluation

– Expanded Version with sports-medicine evaluation Check medical sport

In addition to the high-quality device technology and its usage possibilities, the **Check medical sport** is, thanks to its elegant design, also a visual winner. Its time-saving ease of use and automation lets it be integrated smoothly into daily practice.

Operating the **Check medical sport** via the menu-driven LCD display is so simple that it can be completely delegated. The automated measurement sequence takes only a few minutes, giving doctor and therapist more time for personalized treatment of the patient who, thanks to the

Check medical sport's more accurate recordings and information for arriving at a diagnosis, receives better care as a result. The recordings can be printed out on a color printer for evaluation and as a permanent record.

For years, wegamed has maintained a certified quality assurance system for medical products manufacturers according to DIN EN ISO 13485, thereby ensuring consistently high quality and security.

The **Check medical sport** construction as per the Medical Products Guidelines 93/42/EWG is confirmed by the CE symbol.



Technical Data

AC power operation

AC power:

115/230 VAC $\pm 10\%$, 50/60 Hz

Power consumption: max. 10VA

Dimensions:

320 x 240 x 200 mm (WHD)

Weight: ca. 3 kg

wegamed gmbh reserves the right to make technical modifications at any time without prior notification.

The Check medical sport method serves as preliminary diagnosis and guidance diagnostics, and is eminently suitable for monitoring the course of therapy. With the aid of the Check medical sport measurements, additional steps can be instituted to verify the diagnosis. In this manner, the respective advantages of orthodox and alternative medicine can be combined, enabling optimal patient care that is oriented toward the whole person.

Patient-paid medical care

As an innovative extra, **Check medical sport** offers lucrative billing possibilities. You can bill a **Check medical sport** recording privately, thereby creating a new income stream for your practice. (Hufeland List)

Hotline

In the interest of promoting communication, wegamed gmbh provides a Hotline that can help evaluate measurement results if there are any questions.

Patient management with WEGAMED.NET PC-Dokumentation

As a supplement to **Check medical sport**, wegamed offers the PC-Dokumentation software (standard Windows program). All the measurement results and therapy recommendations can now simply be transferred to the patient database, thereby enabling comparison of the diagnostic data.

Seminars

The wegamed AKADEMIE seminars, attended by therapists from all over the world, have developed into a forum for a lively exchange of ideas – to everyone's benefit, not least that of the patients. Here you will specifically learn how to evaluate **Check medical sport** measurement results and how to integrate the method into your daily practice.

The wegamed AKADEMIE also offers seminars on the topics of patient-paid medical care, billing procedures and practice marketing.



Optimum patient care with Check medical sport



Patient management and archiving of all patient data with wegamed PC-Dokumentation

WEGAMED – A STRONG PARTNER

Wegamed medical products can be found the world over.

The wegamed engineers, in close cooperation with doctors and therapists, develop innovative diagnostic and therapeutic devices to improve patient health. In order to make these devices ever more efficient and user-friendly, we maintain close contact with numerous users of wegamed devices, who share with us their experiences, insights and suggestions. They are the guarantee of the ongoing development of our devices.

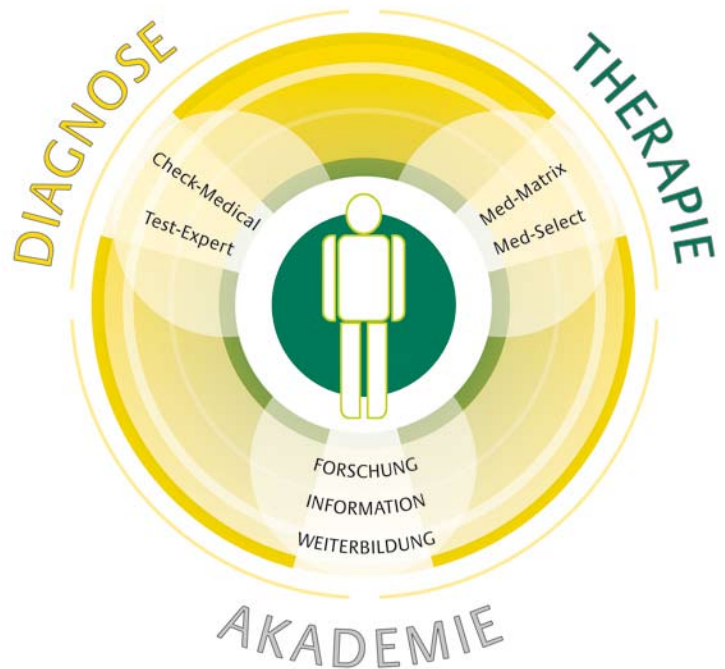
Wegamed customer service takes place at our headquarters as well as a Germany-wide network of medically-qualified expert advisors. These specially-trained personnel install devices at client locations and perform functional checks. They personally show clients how to operate the device, and remain available for questions and in case service or repair is needed. Of course, wegamed also offers this service throughout Europe and the rest of the world.

Would you like to be personally convinced of the high security and quality standards of wegamed-medical devices? We'll tell you all about our products and gladly show you around our manufacturing facilities.

Fair trade law note:

the wegamed diagnostic and therapeutic methods are considered to lie in the field of alternative medicine, and moreover are not scientifically acknowledged.

For information about other wegamed medical products and our training program please call +49 201-1855 68-10



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