SCANECA

Body analysis in 3D

Body analysis has never been easier

SCANECA's innovative 3D body analysis system produces an instant detailed report on the most important body values. SCANECA measures key body circumferences with exceptional precision. Its highly accurate 3D avatar enables the examination of posture in a targeted manner. The only requirement for achieving this comprehensive body analysis is to stand still on a rotating platform for 30 seconds.

SCANECA is a no-brainer.
Its intuitive software with integrated instructions is self-explanatory.

360°
rotation

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How SCANECA works

Within just 30 seconds SCANECA's harmless sensors capture hundreds of precise 3D images of the human body surface.

SCANECA's unique technology creates a virtual copy of the body, reaching millimetre accuracy.

Its intelligent software analyses the virtual twin and presents comprehensive results in a clear and understandable way.

Undergoing body examination with SCANECA is contactless and absolutely harmless.

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Results of the SCANECA analysis

A virtual twin in 3D

SCANECA produces highly detailed 3D avatars, or virtual twins of your customers, so they can see themselves from every angle like never before. 3D scanning enables them to get a better body understanding, to identify problem areas and determine the focus of the training even before the first session begins.

Circumference measurements

82.4 cm
26.4 cm
103.5 cm
47.9 cm
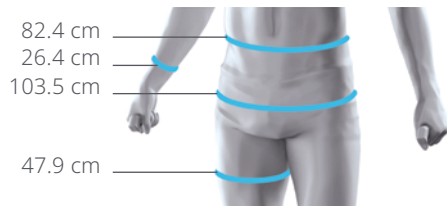
SCANECA performs precise and automatic body circumference measurements, instantly determining circumferences at 14 points from neck to calves. In repeated sessions, it always takes measurements at exactly the same points, which allows you to track even minor body changes.

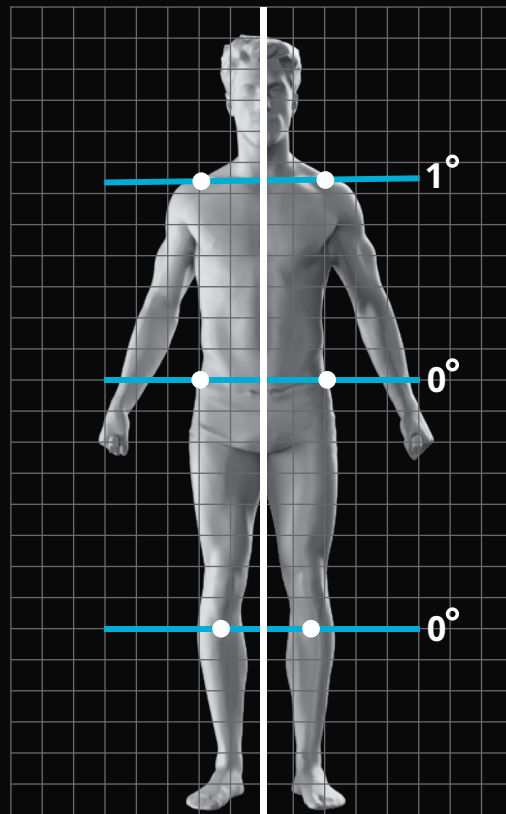### Posture and body balance analysis

Applying SCANECA's posture analysis tool to a 3D avatar displays posture status graphically. The details of the posture come up distinct and are easy to understand. The integrated balance weighing scale analyses load distribution between the feet. This motivates the customer to choose a training plan that is specifically designed to correct posture defects. The improvements can then be tracked first-hand in real time.
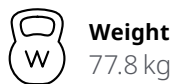
Body values (fat percentage, BMI, FFMI, BMR, etc.)

Weight
77.8 kg

Fat
10.7 %

SCANECA inspects body shape and fat percentage using intelligent algorithms. It estimates fat percentage, weight, fat-free mass, fat-free mass index (FFMI), body mass index (BMI) and waist-to-hip and waist-to-height ratios. Finally, these parameters are classified in terms of healthiness regarding age and gender.

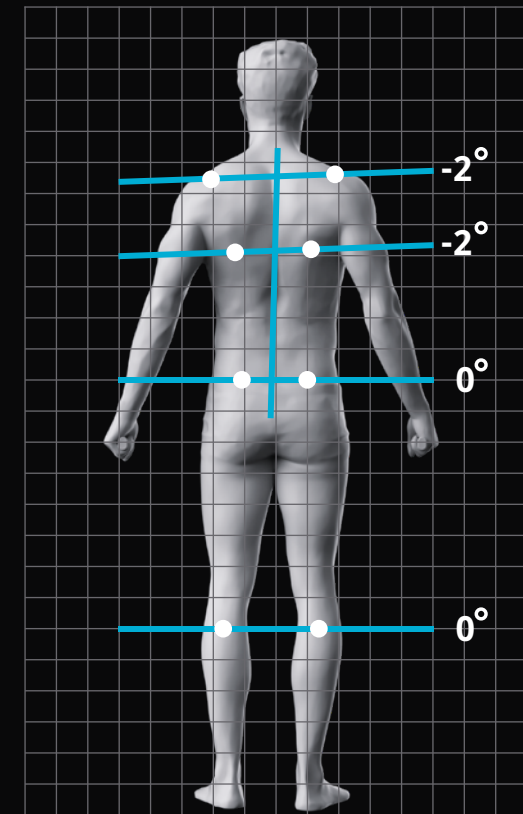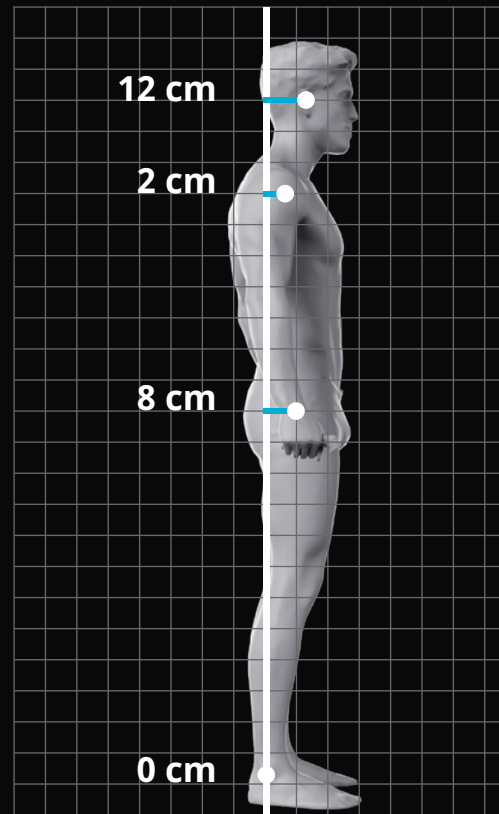SCANECA

Posture analysis and balance measurement

Front view measurements: 1°, 0°, 0°
Side view measurements: 12 cm, 2 cm, 8 cm, 0 cm
Back view measurements: -2°, -2°, 0°, 0°

49%	51%
Weight on the right	Weight on the left

51%	49%
Weight on the left	Weight on the right

A 3D avatar in combination with SCANECA's posture analysis tool enables a detailed overview on body posture with clear visualization in just a few seconds. Patients get motivated for targeted therapy in order to correct their posture, and can see the changes with their own eyes. The integrated balance scale analyzes weight distribution between the left and the right feet.

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Seeing progress immediately

Regular body scanning with SCANECA will help to reveal and measure any progress, however small, that the customer makes through the training course.

CHANGES IN 2 MONTHS

CHANGES TO BODY VALUES

Parameter*	Before	After	Change
Weight	81.1	77.8	- 3.3
Body fat %	12.2	10.7	- 1.5
BMI	24.8	23.8	- 1.0
Waist to hip ratio	0.81	0.8	- 0.01
BMR	1856	1810	- 46

CHANGES TO CIRCUMFERENCES

Measurement*	Before	After	Change
Neck	39.8 cm	39.3 cm	- 0.5 cm
Chest	96.6 cm	95.6 cm	- 1.0 cm
Waist	81.1 cm	79.5 cm	- 1.6 cm
Hips	105 cm	103.5 cm	- 1.5 cm
Bicep (left)	30.8 cm	30.5 cm	- 0.3 cm

*Only selected body values and parameters are listed.

BEFORE

03.05.2020

AFTER

05.07.2020

84.8 cm

12.2 % fat

82.4 cm

10.7 % fat

3D
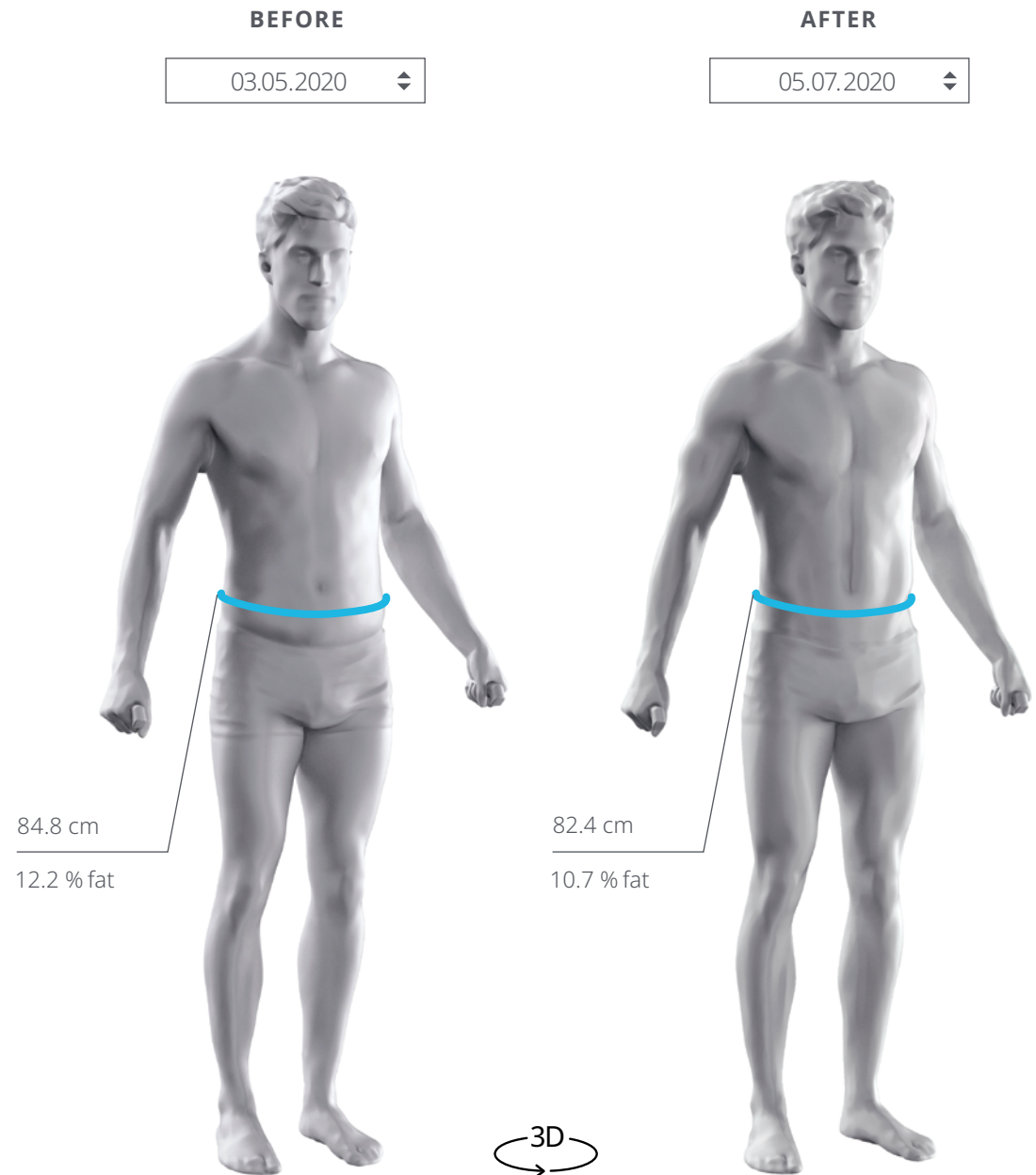
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Results displayed on the screen, sent by email or printed on paper
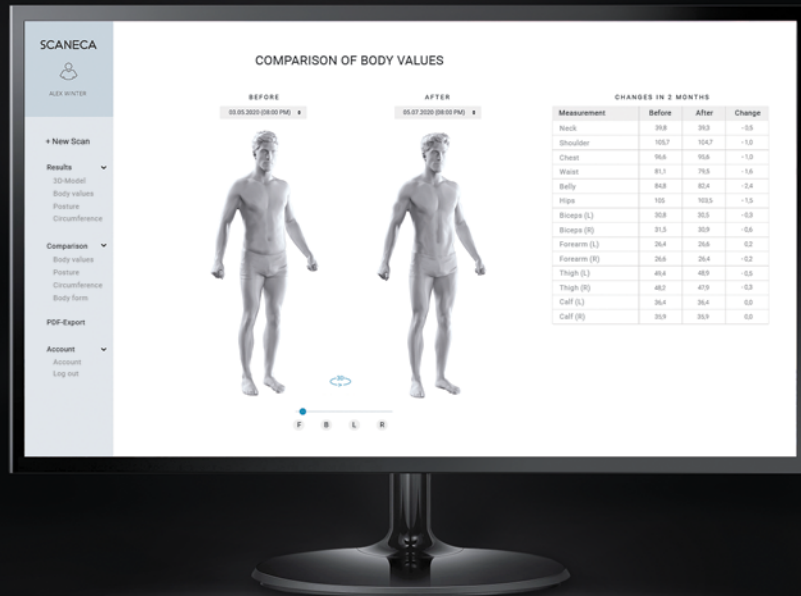
Present your customers the results
on a large 27-inch monitor (included)

1

Email a 3D scan report
in PDF form

2

Print a hard copy
of the report

3

Each customer gets a separate account.
The personal data is encrypted and stored securely.

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Use SCANECA as a stationary device

- Trial training
- Documenting training progress
- Personnel training
- Nutrition plans and weight loss challenges
- Creating training plans

Or as a mobile unit

- Sports events
- Company health days
- Trade fairs and promo events

The SCANECA device can be assembled or dismantled in less than 15 minutes without any special education or tools. Its compact size allows easy transportation in most types of vehicles.

SCANECA

Benefits for your business

Increase profit with SCANECA

With SCANECA you don't just profit from selling body analyses. With SCANECA your customers can see and understand their problem body zones firsthand. This encourages newcomers to sign up, and involves the existing clients into buying additional products such as nutrition consulting or personal training sessions. Your premium contracts gets more attractive.

A 3D picture is worth a thousand words

SCANECA's intuitively understandable way of presenting complex data saves time on body analysis and training advice. People get fascinated by 3D displays of their bodies taken from all angles. Your ability to measure and graphically demonstrate your customers' progress in training strengthens their motivation.

A head start through innovation

Using state-of-the-art technology gives you a competitive advantage and positions you as an expert in the field. The personalized 3D avatar produces a wow effect and shows every customer that they are in the focus of your attention.
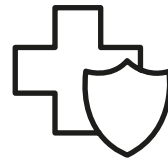
A universal solution for every customer group

Be it muscle building, weight loss or general physical fitness, SCANECA delivers key data with distinct added value for every training goal and every customer group.

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Five reasons to choose SCANECA
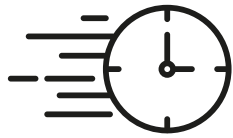
1

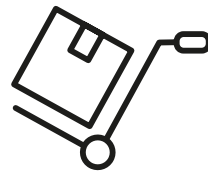**Quick** and comprehensive **body analysis** with **clear explication** of the results.

2

Contactless and completely **harmless technology**. Always **uniform and precise,** no matter who performs the measurement.

3

Personal data is encrypted and stored in a **GDPR-compliant** format. Automatic backups ensure protection against data loss.

4

Compact and transportable. The unit can be assembled and dismantled in less than 15 minutes.

5

German quality. SCANECA is developed and manufactured in Germany.

SCANECA

A technical masterpiece with designer exterior

- Four high-precision optical 3D sensors (1) ensure accurate body imaging.

- The foldable column (2) and removable hand supports (6) allow easy transportation.

- A powerful integrated computer (3) with backup function (via WLAN) provides in-depth body analysis within just a few minutes.

- The cutting-edge integrated balance scale (4) measures body weight and calculates the distribution of weight between the left and right feet.

- Height-adjustable hand supports (5) guarantee stability and measuring precision.

5

6

1

2

3

4

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SCANECA is delivered as a ready-made solution

All you need is a power socket, a table for the monitor and 1.5 square metres (16 square feet) of free space. We will supply everything else. A WLAN connection is recommended, but it is not a must.

The package includes: a 3D body scanner with an integrated computer, a monitor, a mouse and a keyboard, a connection cable, and a licensed software pack. A printer is available as an extra option.

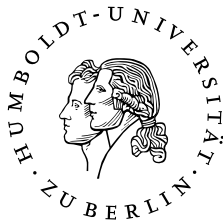SCANECA

SCANECA: innovation Made in Germany

SCANECA is a trendsetter. The unique technology backed by years of research and development work has taken body analysis to a new level.

Taking a scientific approach, our Berlin-based team of experts has managed to make SCANECA a truly revolutionary body analysis system.

Fast execution, simple operation, user-friendly interface, and inspiring results – the best for you and your customers.

The SCANECA technology has been developed in cooperation with Humboldt-Innovation at Humboldt University of Berlin.

The research work on SCANECA has won the German «Stifterverband» award.

2020 | 2021
INNOVATIVE
THROUGH RESEARCH
Awarded by the
Stifterverband
SCA5553BER

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HUMBOLDT INNOVATION
CONNECTING SCIENCE AND SOCIETY

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SCANECA for your fitness or health facility

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