



MEDICALSOFT

INNOVATIVE DIAGNOSTICS

# About us

The **MedicalSoft** Company is a manufacturer of a range of innovative equipment based on cutting-edge **diagnostic technology** and complex program **cross-analysis** of the data received:

- ▶ Bioimpedance analysis
- ▶ Galvanic skin response
- ▶ Heart rate variability
- ▶ Digital pulse wave analysis.

By using the achievements of science and technology in the field of diagnostics, in combination with **our own innovative technology**, our team of high-end professionals has identified efficient approaches to developing, manufacturing and selling **top quality equipment** that meets the challenges of both today and the foreseeable future.

All our devices are compact and mobile, which allows to use them in various conditions and situations, as well as ensures maximum comfort for patients during the examination.

Our equipment is used in health clinics, SPA resorts, and fitness centers in Russia and worldwide.



# Our Products: wellness & fitness assessment

Systems for express assessment of a person's overall wellness, aimed at a wide range of people who do not have identified health issues, but are concerned about their physical development, excess weight, body condition, or those who want to do sports and fitness that require increased physical exertion, as well as professional athletes.

This group needs modern wellness assessment in order to create a properly selected individual training program and rehabilitation procedures.

## MS FIT

Touch Screen Kiosk

## MS FIT

Portable



# MS FIT



## Description

MS FIT systems are developed for those who work on anything connected with **lifestyle, diet and supplementation, exercise and counseling** in therapy.

They are designed to quickly and effectively act on **prevention, counseling and follow-up** of customers, patients and athletes.

The main use of MS FIT is found in fitness clubs, wellness and SPA centers, healthcare facilities, as well as by individual athletes and sports teams worldwide.

# MS FIT

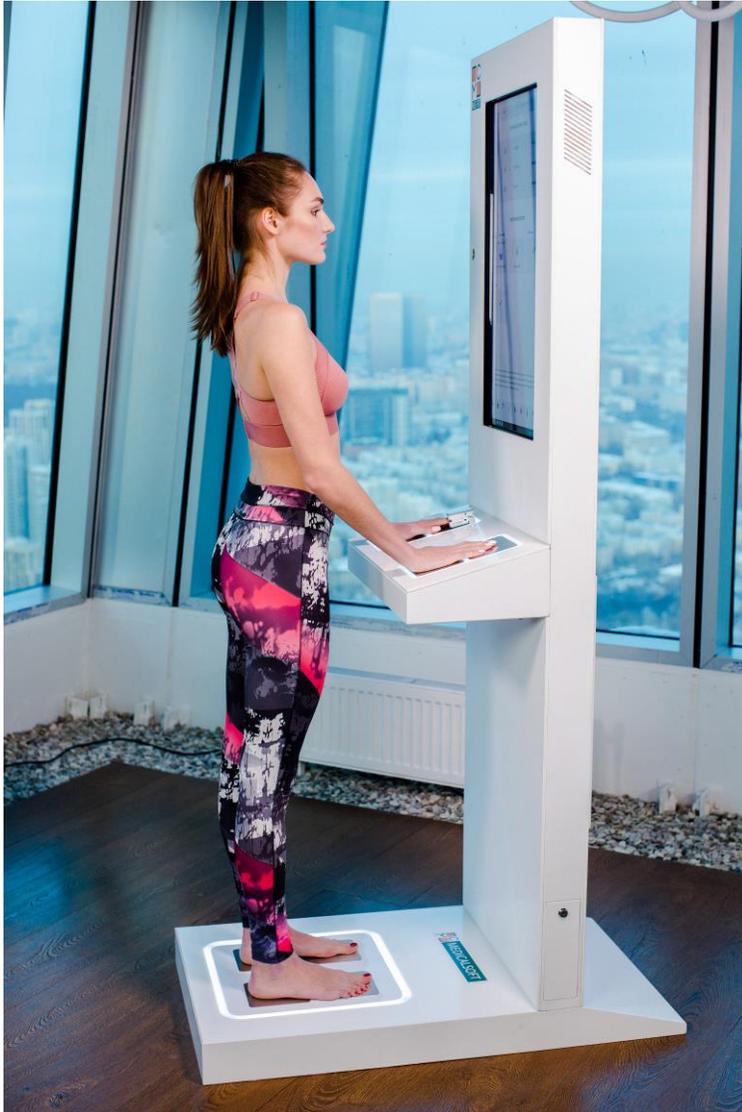
## Touch Screen Kiosk

### Description

MS FIT is a touch screen kiosk for integrated assessment of a person's wellness indicators with the opportunity to develop detailed recommendations for an individual fitness program.

### Intended use

MS FIT is a **General Wellness** product has an intended use that relates to maintaining or encouraging a general state of health or a healthy activity. Intended use relates the role of healthy lifestyle with helping to reduce the risk or impact of certain chronic diseases or conditions.



# MS FIT

## Touch Screen Kiosk

### Specification

- ▶ **Kiosk** with integrated electronic equipment
- ▶ **Touch screen** varies from 27 to 43 inches\*
- ▶ **Hands platform** with built-in sensors to determine heart rate, galvanic skin response and bioimpedance
- ▶ **Feet platform** with built-in sensors for weight measurement, galvanic skin response and bioimpedance
- ▶ **Digital pulse wave sensor** (optional) \*
- ▶ **Integrated MS FIT software** adapted for touch screen
- ▶ **Web camera, height meter, QR code scanner and blood pressure cuff** (optional)\*



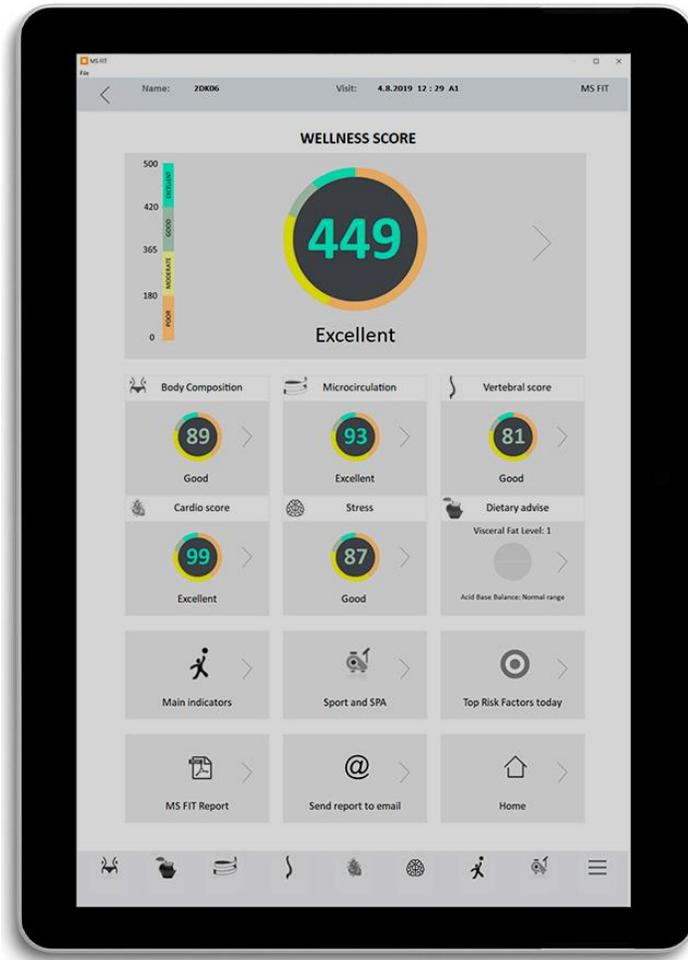
### Features

- ▶ Segmental Body Composition Assessment
- ▶ Microcirculation Assessment
- ▶ Cardio Assessment
- ▶ Stress and Fatigue Assessment
- ▶ Vertebral Load Assessment
- ▶ Comprehensive Wellness Score Assessment

**Diagnostics and individual program recommendations in just 60 seconds**

*\* Parameters depend on the equipment configuration*

# MS FIT Portable



## Description

A portable version of touch screen kiosk for integrated assessment of a person's fitness indicators with the opportunity to develop detailed recommendations for an individual fitness program

It is a compact and mobile device that can be used it in various conditions and situations

## Intended use

MS FIT is a **General Wellness** product has an intended use that relates to maintaining or encouraging a general state of health or a healthy activity. Intended use relates the role of healthy lifestyle with helping to reduce the risk or impact of certain chronic diseases or conditions.

# MS FIT

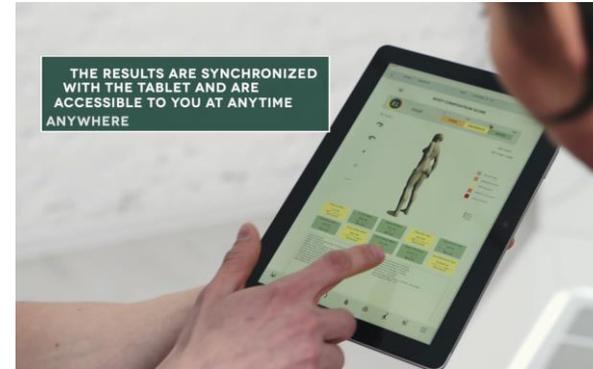
## Portable

### Specification

- ▶ USB connectable box
- ▶ Digital USB connectable pulse oximeter
- ▶ Tetrapolar stainless steel hands platform with built-in sensors to determine heart rate, galvanic skin response and bioimpedance
- ▶ Tetrapolar stainless steel feet platform with built-in sensors to determine galvanic skin response and bioimpedance
- ▶ 4-lead cable for the hands
- ▶ 4-lead cable for the feet
- ▶ USB cable
- ▶ MS FIT Software x 2 licenses
- ▶ Transport bag

### Additional requirements:

*Personal computer or tablet on Windows OS for MS FIT software installation*



### Features

- ▶ Segmental Body Composition Assessment
- ▶ Microcirculation Assessment
- ▶ Cardio Assessment
- ▶ Stress and Fatigue Assessment
- ▶ Vertebral Load Assessment
- ▶ Comprehensive Wellness Score Assessment

**Diagnostics and individual program recommendations in just 60 seconds**

# Our Products: health assessment



MS PRO

Touch Screen Kiosk



MS PRO

Portable

Integral health assessment systems aimed at initial examination of the patient, with an intended use related to maintaining or encouraging general state of health. It helps to reduce the risk of certain chronic diseases and/or conditions.

The systems can be used as a screening system for the initial examination of a patient

# MS PRO



## Description

MS PRO is a noninvasive system for functional body state assessment.

It is a unique combination of medical applications for obtaining a quick overview of the homeostasis and the most important regulatory mechanisms of the human body

They are designed to provide a quick assessment and effectively identify and manage a therapeutic plan on **prevention, follow-up** and **guidance** of customers, patients and athletes.

The main use of MS PRO is found in state and private health facilities, and by private health practitioners.

# MS PRO

## Touch Screen Kiosk



### Description

MS PRO is a touch screen kiosk with integrated Multiscan PRO hardware and software complex for functional state assessment

### Intended use

#### 1. To estimate the body composition

(Fat mass, Lean mass, Total Body Water, Extra and Intra Cellular water, Muscular mass, Body mass Index).

#### 2. To analyze the basic rhythms of the NN or RR intervals on the basis of Heart Rate Variability (HRV feature), both in the domain and in the spectral analysis (in short time). It provides mathematical analysis of the input of the sinus node depolarization and estimates the autonomic nervous system activity (parasympathetic and adrenal medulla and post sympathetic adrenergic responses).

#### 3. To analyze the pulse waveform,

 which is provided by the oximeter, based on photoelectric plethysmography (or Digital Pulse Analysis DPA feature) in short time. It provides mathematical analysis of the waveform output of the oximeter and estimates arterial stiffness and cardiac output.

#### 4. To analyze Spo2 % (SPo2 feature) and HR (Heart Rate).

#### 5. To analyze the electrical conductance

 of 11 pathways of the human body. It provides mathematical analysis of the galvanic skin response and estimates the sudomotor responses to the post sympathetic cholinergic system electrical stimulation.

#### 6. To aid the health care professionals

 to review, analyze and evaluate the historical tests results.

# MS PRO

## Touch Screen Kiosk

### Specification

- ▶ **Kiosk** with integrated electronic equipment
- ▶ **Touch screen** varies from 27 to 43 inches\*
- ▶ **Hands platform** with built-in sensors to determine heart rate, galvanic skin response and bioimpedance
- ▶ **Feet platform** with built-in sensors for weight measurement, galvanic skin response and bioimpedance
- ▶ **Four-lead cable** for the head
- ▶ **Digital pulse wave sensor** (optional) \*
- ▶ **Integrated MS PRO software** adapted for touch screen
- ▶ **Web camera, height meter, QR code scanner and blood pressure cuff** (optional)\*

\* Parameters depend on the equipment configuration



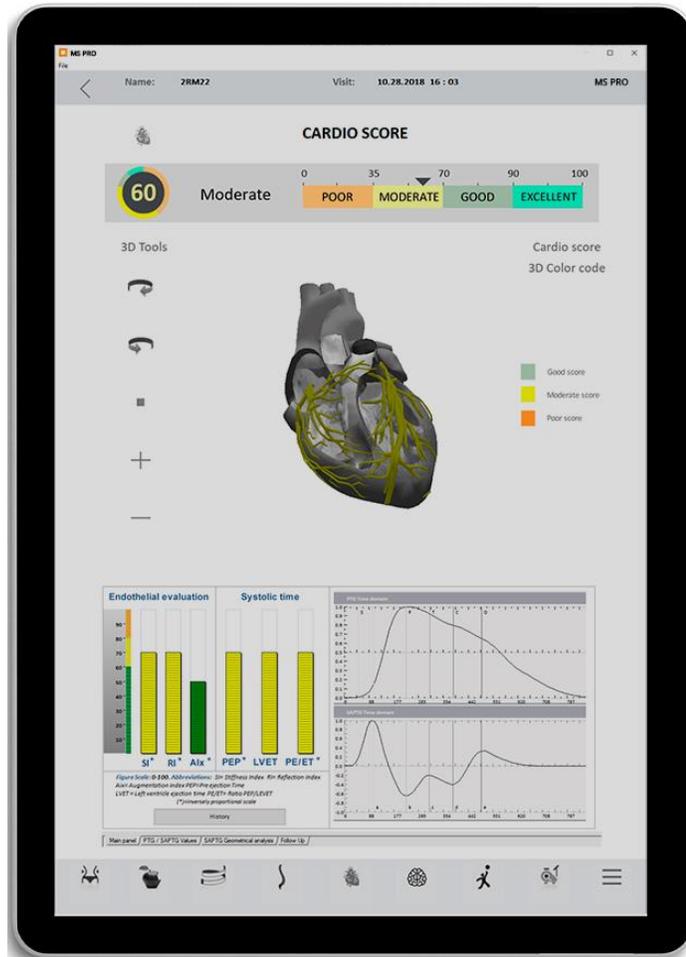
### Features

- ▶ Segmental Body Composition Assessment
- ▶ Microcirculation Assessment
- ▶ Cardio Assessment
- ▶ Stress and Fatigue Assessment
- ▶ Vertebral Load Assessment
- ▶ Comprehensive Wellness Score Assessment
- ▶ Disease Screening
- ▶ Lab Test Results

**Measurement time: 1-5 minutes**

# MS PRO

## Portable



### Description

A portable hardware and software complex for functional state assessment. It is a compact and mobile device that can be used in various conditions and situations

### Intended use

#### 1. To estimate the body composition

(Fat mass, Lean mass, Total Body Water, Extra and Intra Cellular water, Muscular mass, Body mass Index).

#### 2. To analyze the basic rhythms of the NN or RR intervals on the basis of Heart Rate Variability (HRV feature), both in the domain and in the spectral analysis (in short time). It provides mathematical analysis of the input of the sinus node depolarization and estimates the autonomic nervous system activity (parasympathetic and adrenal medulla and post sympathetic adrenergic responses).

3. To analyze the pulse waveform, which is provided by the oximeter, based on photoelectric plethysmography (or Digital Pulse Analysis DPA feature) in short time. It provides mathematical analysis of the waveform output of the oximeter and estimates arterial stiffness and cardiac output.

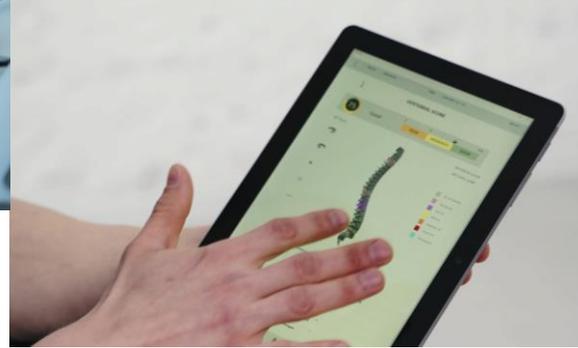
4. To analyze Spo2 % (SPo2 feature) and HR (Heart Rate).

5. To analyze the electrical conductance of 11 pathways of the human body. It provides mathematical analysis of the galvanic skin response and estimates the sudomotor responses to the post sympathetic cholinergic system electrical stimulation.

6. To aid the health care professionals to review, analyze and evaluate the historical tests results.

# MS PRO

## Portable



### Specification

- ▶ USB connectable box
- ▶ Digital USB connectable pulse oximeter
- ▶ Tetrapolar stainless steel hands platform with built-in sensors to determine heart rate, galvanic skin response and bioimpedance
- ▶ Tetrapolar stainless steel feet platform with built-in sensors to determine galvanic skin response and bioimpedance
- ▶ 4-lead cable for the hands
- ▶ 4-lead cable for the feet
- ▶ 4-lead cable for the head
- ▶ USB cable
- ▶ MS PRO Software x 2 licenses
- ▶ Transport bag

### Features

- ▶ Segmental Body Composition Assessment
- ▶ Microcirculation Assessment
- ▶ Cardio Assessment
- ▶ Stress and Fatigue Assessment
- ▶ Vertebral Load Assessment
- ▶ Comprehensive Wellness Score Assessment
- ▶ Disease Screening
- ▶ Lab Test Results

**Measurement time: 1-5 minutes**

### Additional requirements:

*Personal computer or tablet on Windows OS for MS PRO software installation*

# Contact us for more information:



INNOVATIVE DIAGNOSTICS



<http://www.medicalsoft.com>



[info@medicalsoft.com](mailto:info@medicalsoft.com)



[@medicalsoft.llc](https://www.facebook.com/medicalsoft.llc)



[@medicalsoft](https://www.instagram.com/medicalsoft)

We are looking forward to future cooperation!