



# Overview



Soeks Trading House is one of the leading Russian companies in development, manufacturing and sales of environmental equipment

- In 2008 the Soeks Company launched an innovative device in the Russian market for the first time. This device was intended to analyze the level of nitrates in fruits and vegetables. The device was named nitrate-tester.
- In 2009 Soeks was awarded the Grand Prix for its innovative contribution to addressing food security issues and creating personal electronic nitrate-tester "SOEKS" at the 16th international exhibition "PRODEXPO-2009".
- In 2010 the Company launched an updated model of nitrate-tester with improved user interface. Sales in 2010 were estimated to be around twenty thousand pieces.
- In April 2011 Soeks launched its brand-new radiation indicator and the company. Among international partner there are large companies from Germany, France, Japan and other countries.
- In June 2011 Soeks developed a new device called the Ecotester. This device combined the functions of nitrate-tester and that of a Geiger counter.
- In July 2011 a new model of nitrate-tester was presented.



## About the company

Currently Soeks has 4 devices in the product line: radiation indicator, 2 new models of a nitrate-tester and the Ecotester

- The Soeks devices are sold in more than 80 cities in Russia, Ukraine, Belarus, Kazakhstan, Azerbaijan and worldwide, including Japan, Germany, France and other countries.
- The company simultaneously develops more than 10 models of new devices.

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### Contact:

*Address: 127566, Moscow, Altufievskoe highway, h. 48, corp. 1 office 301, 4.*

*Site: [www.soeks.ru](http://www.soeks.ru)*

*Phone: +7 (963) 998-34-42, 7 (495) 223-27-27*

*E- mail: [vl@riseberg.com](mailto:vl@riseberg.com), [likhachev0@gmail.com](mailto:likhachev0@gmail.com)*



# Environmental equipment

developed, certified and  
manufactured in Russia

## Main features:

- Stylish design
- Bright multi-color display
- Sensing element SBM-20-1 of the year 2011
- Power supply: rechargeable units or batteries
- Dual language menu (English/Russian)
- Manuals in 2 languages
- Reject level less than 0,05
- 12-month warranty



Is intended to estimate the level of radioactive background

- Sensing element SBM-20-1 (production in Russia, 2011)
- Graphical, numerical and color head-up readings



# Nitrate-tester

Is intended to analyze the level of nitrates in fresh fruits and vegetables



30 items of fruits and vegetables in the list of the device



Unique technological solution  
Patent pending



## Ecotester

Is designed to assess the level of radioactivity and rapid analysis of nitrates in fresh vegetables and fruits

- A unique combination of two functions: a full replacement of 2 devices for reasonable price!



New product of 2011



# SOEKS

modern ecological systems



THE TRADING HOUSE SOEKS PRESENTS

PROFESSIONAL DOSIMETER «EXPERT»

DOSIMETER «QUANTUM»

DOSIMETER «DEFENDER»

RADIOACTIVITY INDICATOR

ECOTESTER

NITRAT-TESTER

IMPULSE

## New models

In 2012 Soeks launched several new devices. Thus, the product line will consist of eight models.



Индикатор  
электромагнитного  
излучения

Impulse



Indicator of the  
electromagnetic  
field Impulse

-Indicator of the electromagnetic field "Impulse" is designed to detect and locate areas of hazardous electromagnetic field.

-- The rate of measureable fields from 20 Gz to 20 kGz

- 3 sensors of magnetic field and 3 sensors of electric field, every sensor makes a measurement in its axis

- 2D/3D diagram direction, thanks to that the source of electromagnetic radiation can be defined

- the indicator shows the rates of outgoing signals, that helps to define the origin of the radiation

- displaying of electromagnetic activity history for the last minute

- sound alarm when it reaches the fixed level of radiation

- works from two AAA batteries or from AAA accumulators and also from USB

DEFENDER

## DEFENDER



## DEFENDER

DEFENDER is a dosimeter designed to assess the level of radioactivity, detection of objects, food, construction materials contaminated with radioactive elements.

Distinctive characteristics of the DEFENDER device (in comparison with the radiation indicator «SOEKS-01M»):

- Measurement of the accumulated radiation dose

- New user interface

- Increased operation time

- New design

- Measurement of the accumulated dose up to 100 Sv

- Additional graphical representation of the radiation background in the last hour:

- display maxima and minima of the radiation background
- display the average value of the radiation background

- Sound indication of exceeding the threshold of accumulated dose

This dosimeter evaluates the radiation background and cumulative dose by the power size of ionizing radiation (gamma-radiation and the stream of beta-particles) with an allowance of X-rays

QUANTUM

QUANTUM

QUANTUM



The QUANTUM dosimeter is designed to assess the level of radioactivity, detection of objects, food, construction materials contaminated with radioactive elements.

Distinctive features of QUANTUM

- measurement of cumulative dose
- new graphic cover
- increased time of continuous work from batteries
- new body design
- heightened accuracy of measurement because of two Geiger-Muller counters
- twice higher speed of measurement
- modern design
- new graphic interface

This dosimeter evaluates the radiation background and a cumulative dose by the power size of ionizing radiation (gamma-radiation and the stream of beta-particles) with an allowance of X-rays

EXPERT

Профессиональный  
дозиметр

EXPERT



EXPERT

EXPERT is intended to locate household items, food, construction materials contaminated with radioactive elements.

Expert makes a valuation of object pollution by the modern sensitive micaceous beta-radiation sensor of directed effect. For making a measurement an object has to be brought to the camera of the sensor, protected by special shutter.

Distinctive features of Expert – high sensitivity and selectivity.

Continuous work from batteries.

Simplicity of measurement thanks to friendly interface.

Usage of this device can protect health from unexpected illnesses, generated by eating polluted by radiation food or usage of polluted objects.