Bio-Well
Operation Manual
September 2015

Contents

Purpose

The Impulse Analyzer Device, as currently marketed as Bio-well, for the purpose of recording and analyzing one's human energy field, and the effects of certain external stimuli on one's human energy field. The device is used to identify changes in the user's energy field as it relates to general stress and energy and is not intended to diagnose, treat, prevent, or cure any disease or condition. The Impulse Analyzer Device solely records, monitors, and analyzes the human energy field to allow

awareness of one's energy state as a result of certain external stimuli. It is neither invasive, nor is it implanted. Additionally, there is no mention of disease or medical condition claims, and the technology does not pose a risk to the safety of users as the information is within the context of general health and energy awareness and not specific medical diagnosis or disease condition prevention or treatment.

Initial Operation

To begin operation of the device, first download and install the latest version of the software from www.Bio-Well.com. Download and/or installation may be affected by the computer's firewall, antivirus, or similar security software. Disabling of one or more of these resident programs may be necessary for successful installation. Once the installation process is completed, and a subscription has been purchased, connect one end of the included USB cable to the rear of the Bio-Well device, and the other end to the computer.

Subscription login and payment information can be reviewed and updated by logging into the website.

1. Click the Bio-Well software shortcut, or find and click Bio-Well.exe to launch the software directly. The Login window appears (Fig.1).

Fig.1

For standard online operation (connected to the Internet), enter the subscription Login (username) and Password and click **Login**. If testing a new device, or one associated with a different subscription account, it will be necessary to use the temporary-demonstration account Login/Password: demopro/demopro. **Note**: Each Bio-Well device requires its own separate subscription account (Login/Password). Attempting to connect multiple devices to a single subscription will result in the inability to log into the subscription.

For offline operation (not connected to the Internet), choose the Language and click **Work offline**.

Once logged in, the main window will appear (Fig.2). This dashboard-style layout provides access to all software functions and scan history. You may choose Professional or Personal setup by clicking the button near the top-center of the screen (Fig.2-↖).

Every screen of the program may be saved as picture by clicking the Screenshot button located at the upper-right of the main window (Fig2-○).
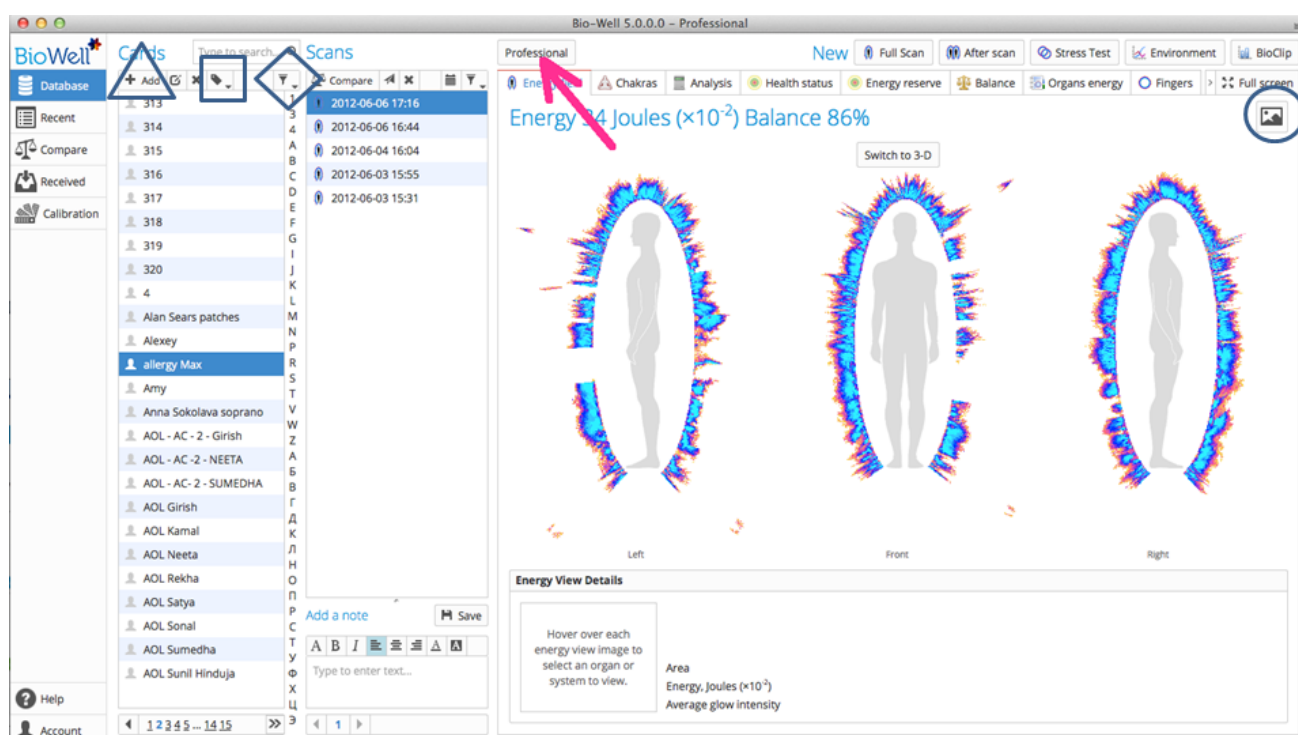

Fig.2

To conduct a scan, a Card (Fig.3) must first be created by clicking the + **Add** button (Fig.2-△). Name, Gender and Birthdate are required. Adding a picture and other information is optional. All data will be kept in the online Database associated with the subscription account. For those users who prefer or require a high degree of privacy for their clients, consider using numeric or alphanumeric identification instead
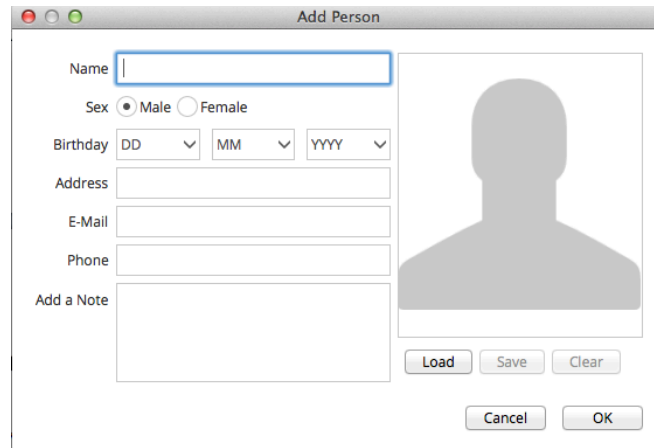
of actual names.

Fig.3

The Database is searchable by name. Cards are listed alphabetically in the Cards column (Fig.2), and may be edited or deleted.

Multiple Cards may be grouped together by creating **Labels**. Click on a Card, then click the Label button (Fig.2-□) to assign a label name and color. The labeled Cards will now appear with their assigned color within the Card column, and may be seen together by using the Filter (Fig.2-◇) to display the particular label.

At the bottom of the Cards column, **SCROLL** arrows are available to navigate the entire list of Cards.

Full Scan Mode

With the Bio-Well device connected to the computer, choose a Card and click **Full Scan** to enable the 10-finger interface.
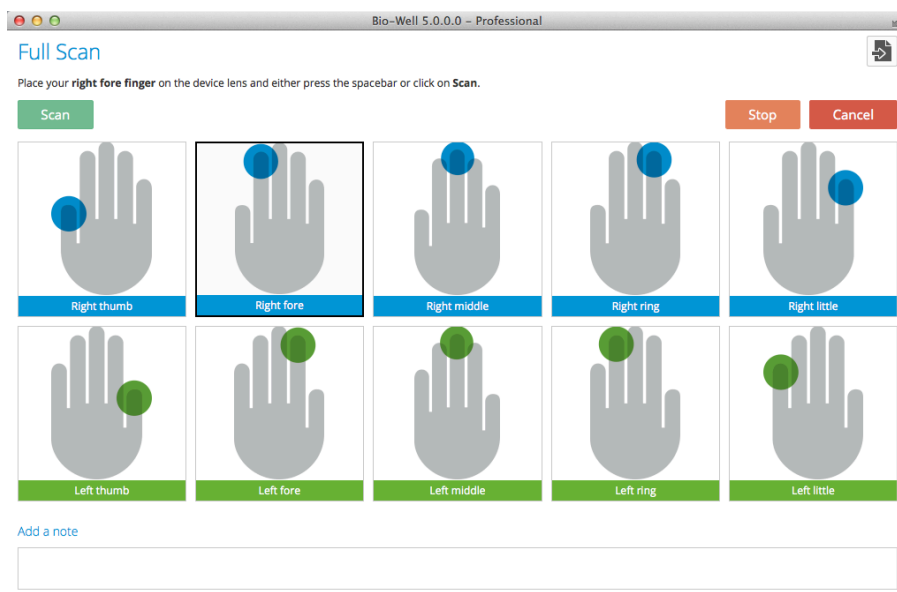
Fig.4

Click **Scan** (or press Spacebar) to initiate a capture of each finger, one-by-one, starting with the Right Thumb.

A successful capture will provide a green checkmark. A red exclamation mark indicates either an incomplete capture or excess light was present. While an incomplete capture requires the finger to be repositioned for a second attempt, excess light, presented as flares or particles outside the ring, may be "cleaned" by clicking on the Finger's Edit button (Fig.5-↙) to use the eraser tool to remove the surrounding artifacts. **Be sure to not interfere with the main image (ring).**

Notes may be added now, or at a later time. Once all 10 finger captures have been successfully completed, click **Analysis** to submit the images to the server for processing. This stage will be confirmed as complete by the appearance of the Energy Field window displaying 3 views of the HEF.
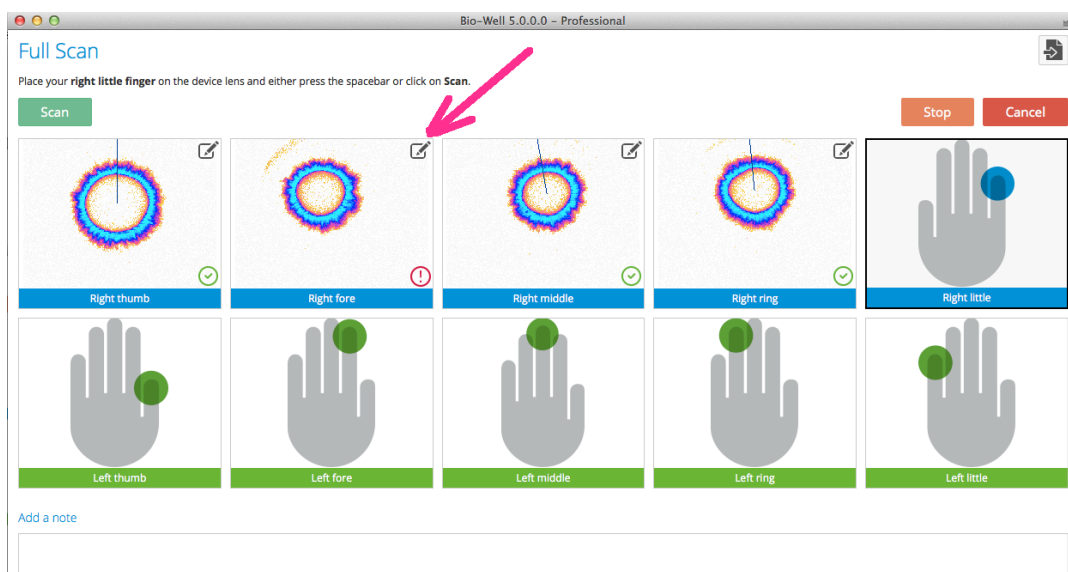

Fig.5

Scan Management

Within the main window, in the Scans column, you will see readings taken for the chosen card with date and time of recording.

Each individual reading, listed in the **Scans** column (Fig.6), may be opened for review, deleted or sent to another account. **Sending scans** between accounts requires the exact spelling of the Login (username) of the destination account.

Scans are listed by date and time with types easily identified by the icon corresponding to the scan modes listed at the top-right of the main window – Full, Before-After, Stress Test, Environment, etc.

The **Compare** button will send a chosen scan to the compare compartment. A small, red number will appear to indicate how many cases are selected. Up to 50 scans, from the same or different Cards, may be compared at one time.

There are **Filters** to select scans based on a specific date or type (Fig.6).

At the bottom of the Scans column, **SCROLL** arrows are available to navigate the entire list of Scans.
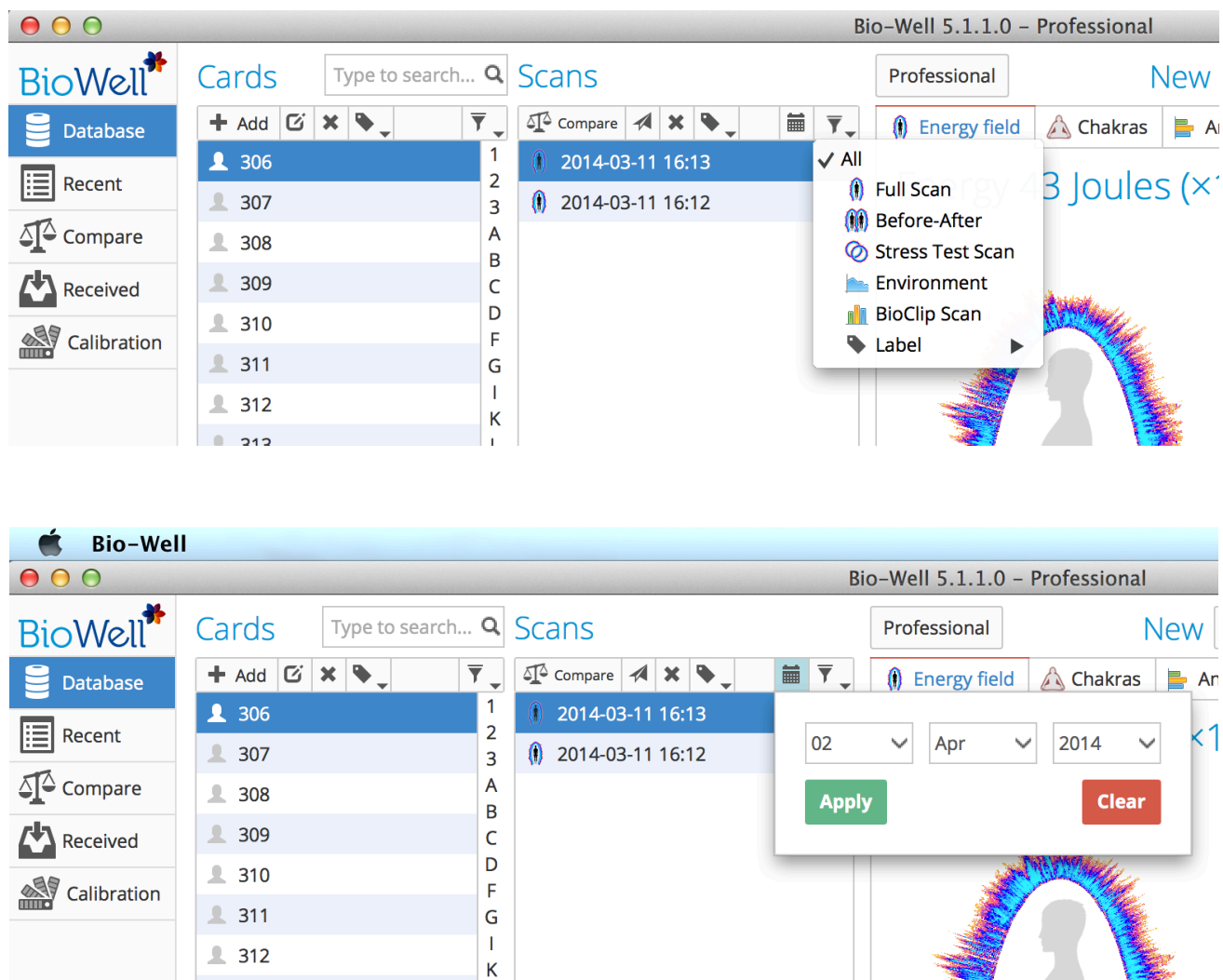

Fig.6

Human Energy Windows

Energy Field

Presentation of front and side views of the entire HEF. Pointing the cursor to the various areas of an image enables sector-views of the fingers as they correspond to different parts of the body. Left-clicking an area will enlarge the view in a separate window.

3D mode is available if the computer's graphics resources (video card/memory) are capable of rendering the image (Fig.7).
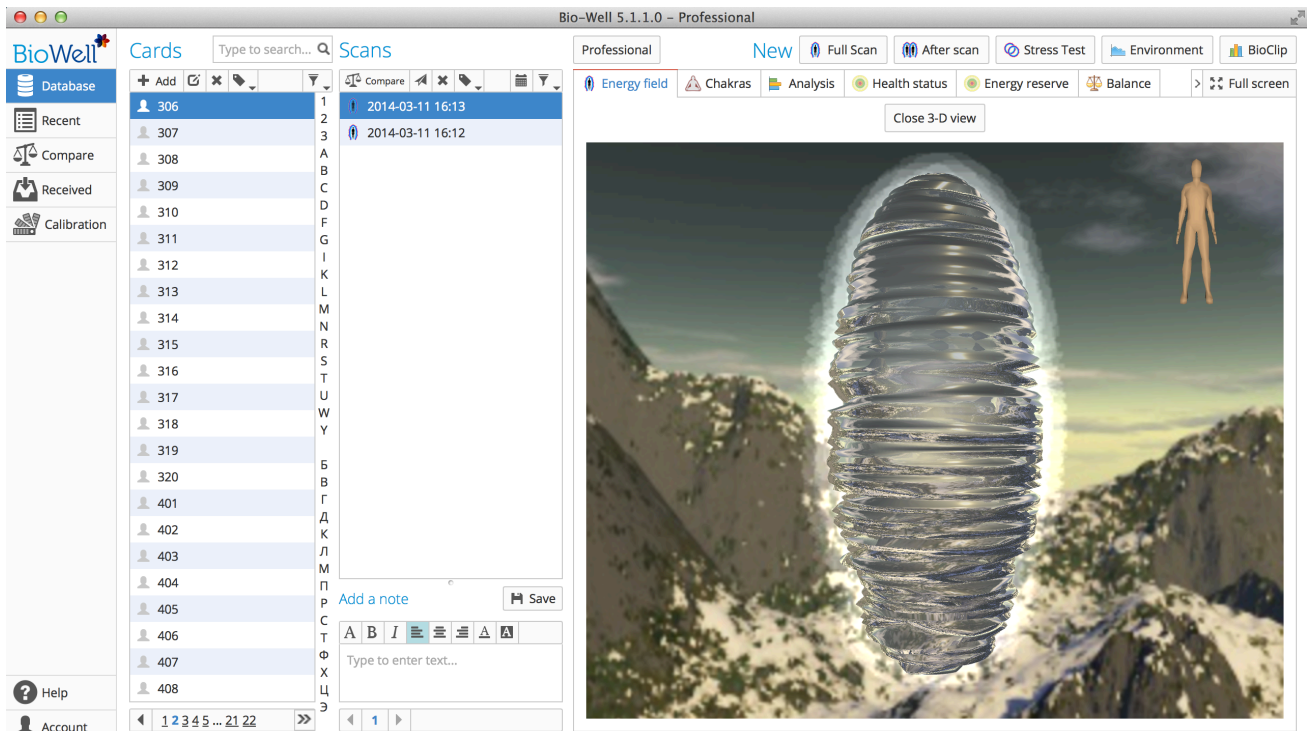

Fig.7

Full Screen mode may be accessed by clicking the button.

Chakras

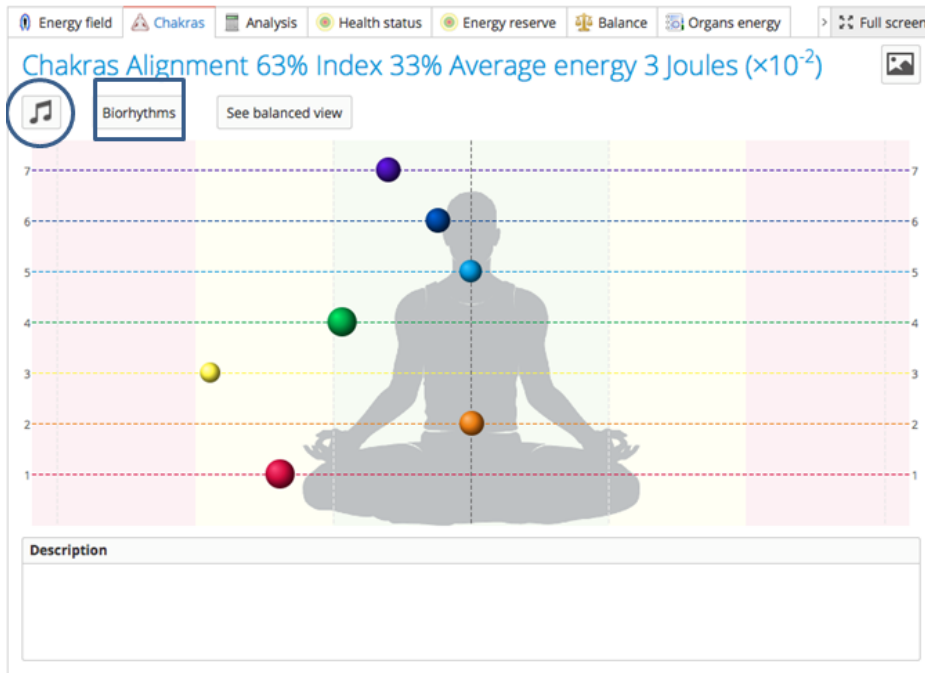Click on a particular Chakra to see the description.

Fig.8

The **Create Music** button (Fig.8) generates a unique music file which may be saved to be used with a BioCor device (currently not available in the U.S.).

Biorhythms button (Fig.8) presents the biorhythms for the chosen period of time (Fig.9).
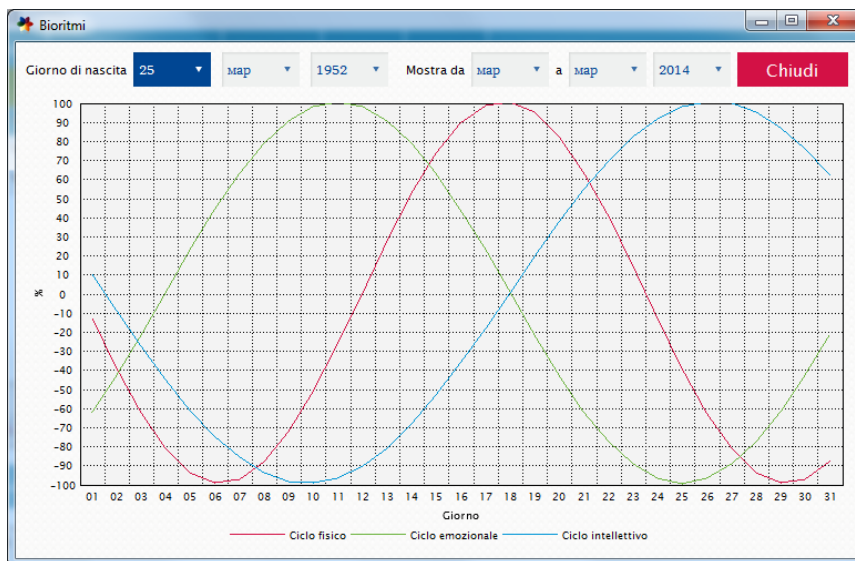

Fig.9

Analysis

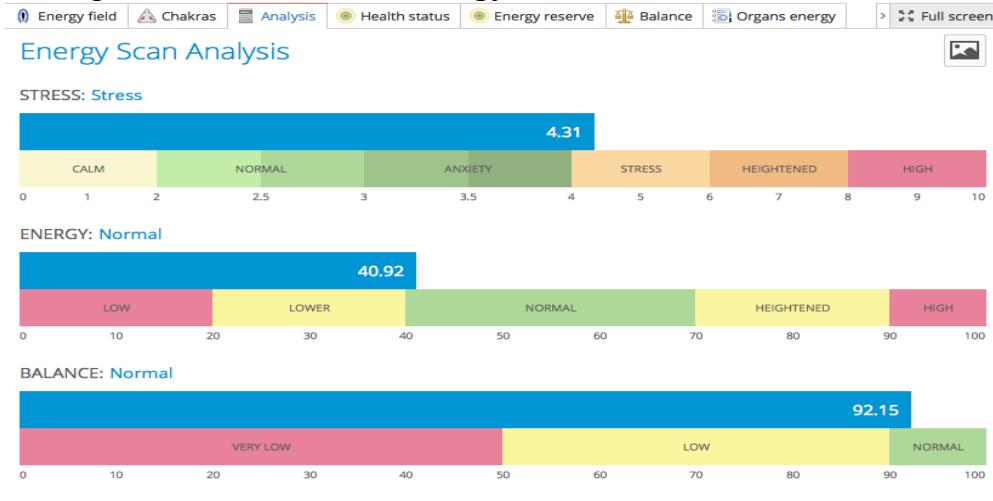The three main parameters – Stress, Energy and Balance – as numeric results (Fig.10).

Fig.10

Health Status

Shows distribution of Area parameters for different organs and systems (Fig.11).
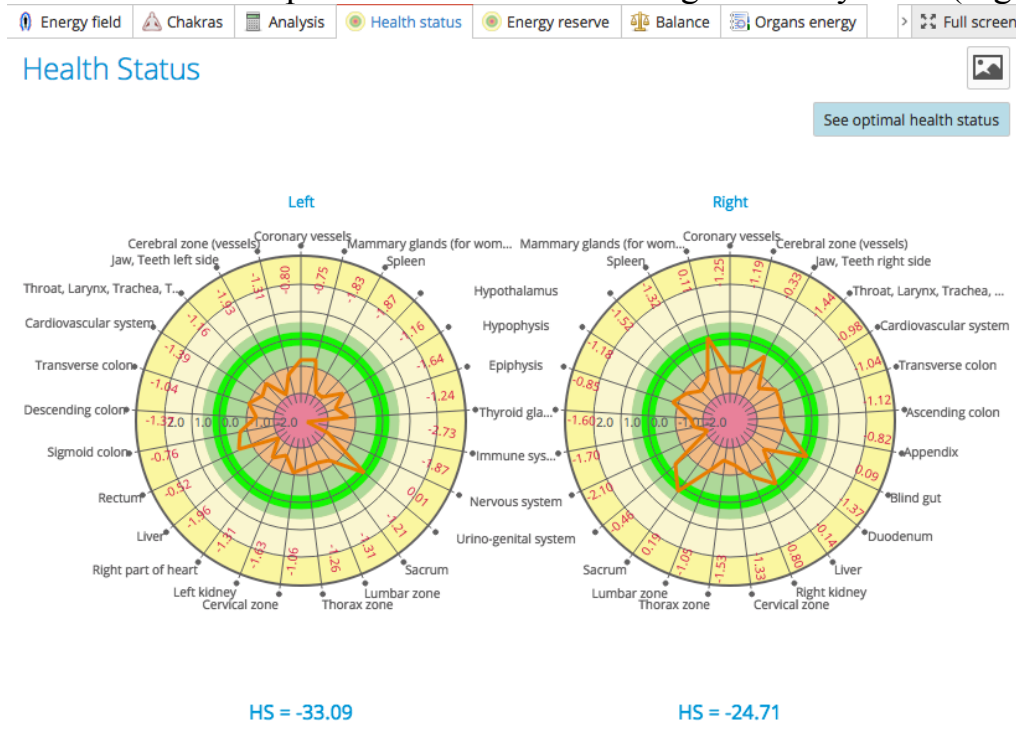

Fig.11

Energy Reserve

Shows distribution of Energy parameters (Fig.12). Represents energy reserve of different cells of the body.
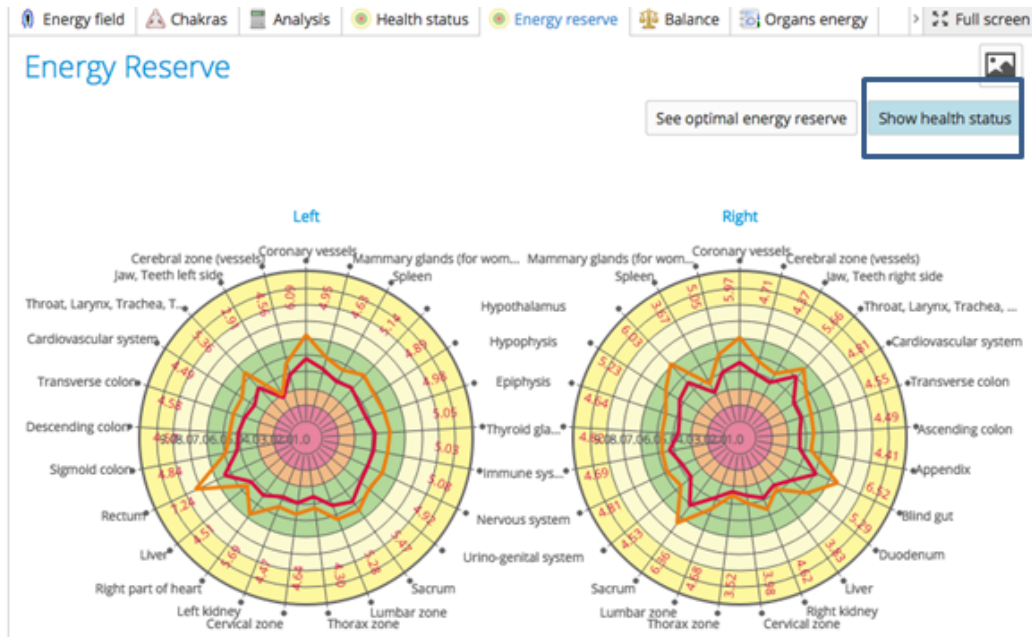

Fig.12

Show Health Status button (Fig.12) displays a comparison of the Health Status and Energy Reserve. It is beneficial when the Energy Reserve outline is wider/larger than the Health Status outline.

Balance

Shows the level of Energy for paired systems and organs. A significant mis-balance will be presented as highlighted bars (Fig.13).
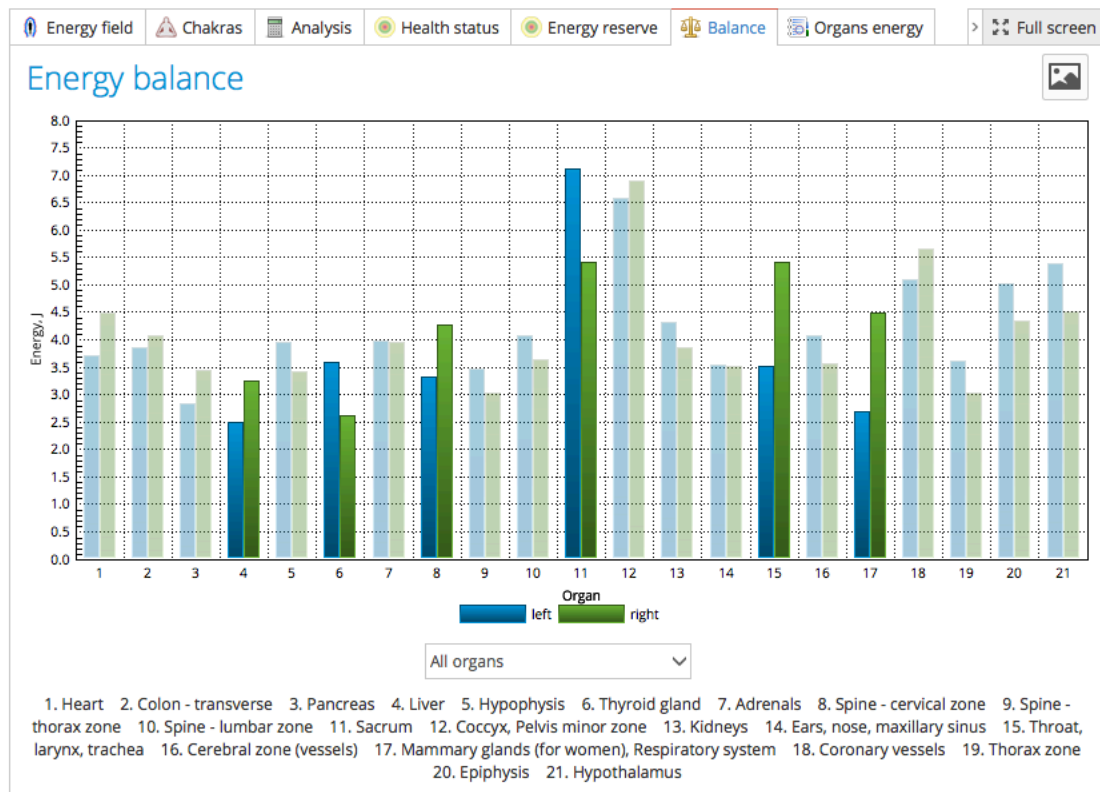
Fig.13

Organs Energy

Shows energy evaluation in sectors corresponding to different systems and organs (Fig.14).
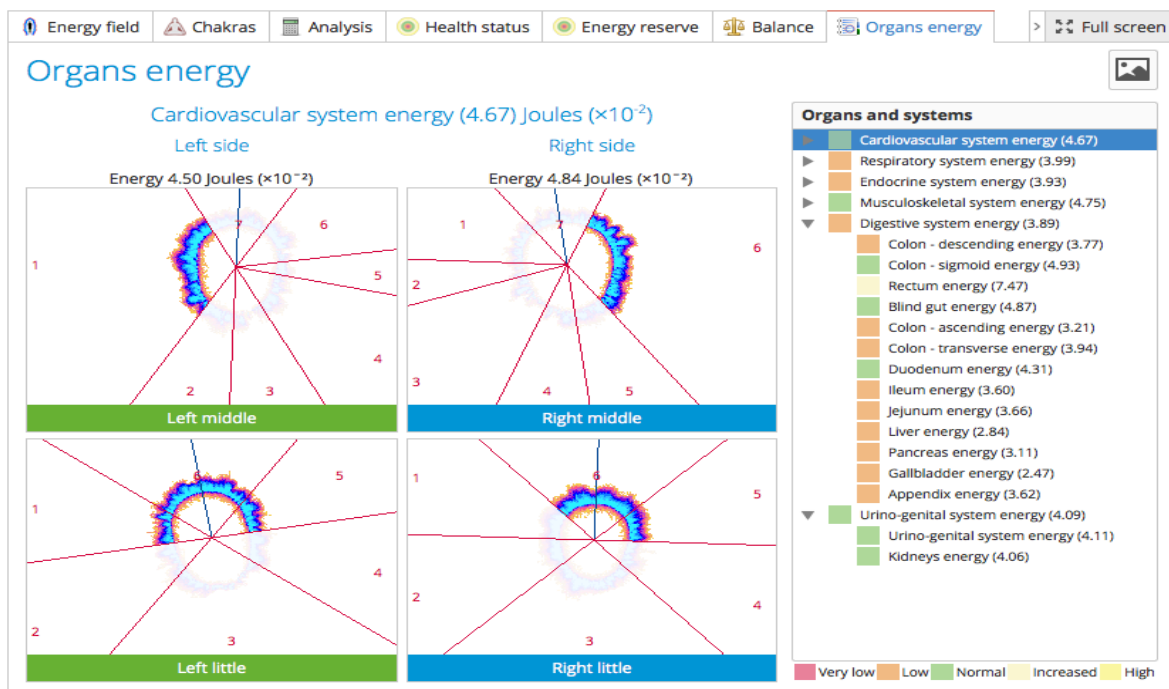

Fig.14

Fingers

Displays parameters for each finger in its own window (Fig.15). Clicking on a finger window opens a larger view of the image and parameters. (Fig.16)
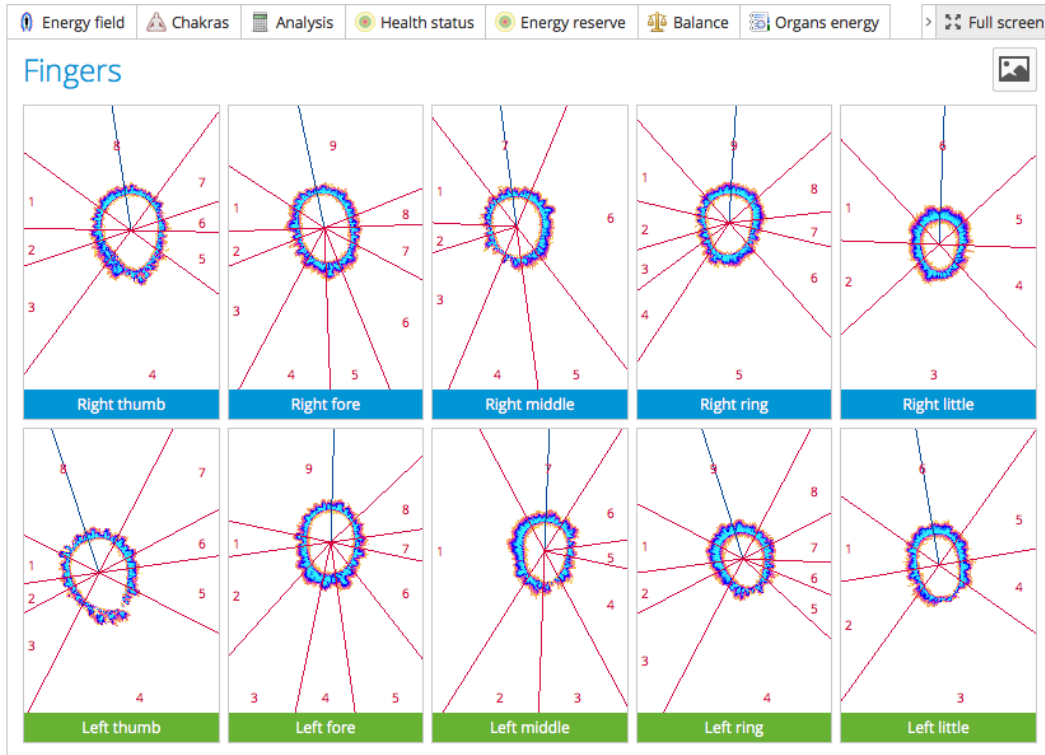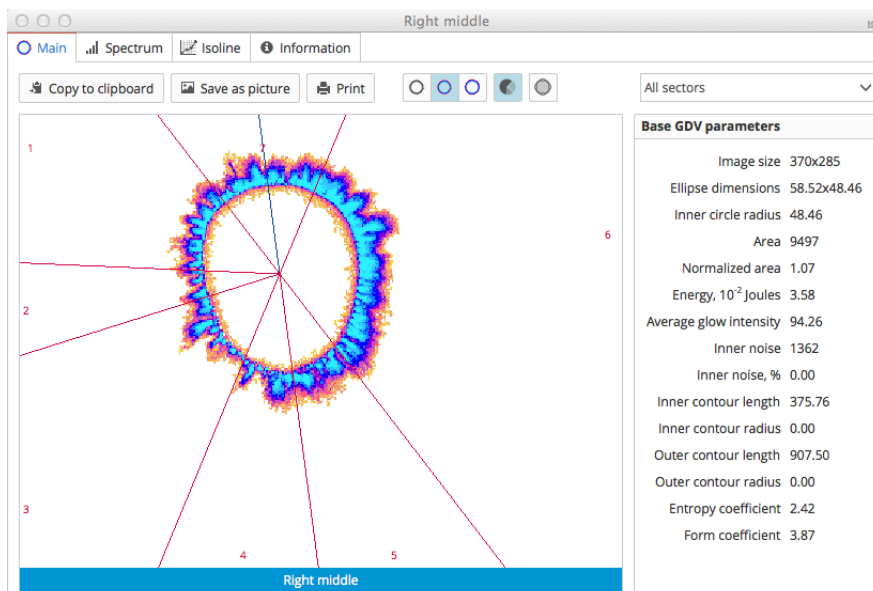

Fig.15

Fig.16

Yin – Yang balance

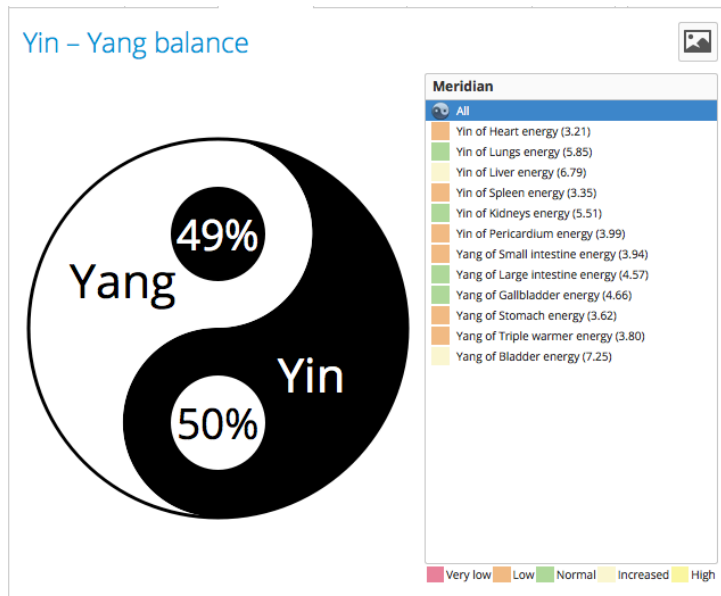Represents energy parameters for all 12 channels (Fig.17).

Fig.17

You may see quantitative parameters corresponding sectors and a short description of every channel (Fig.18).

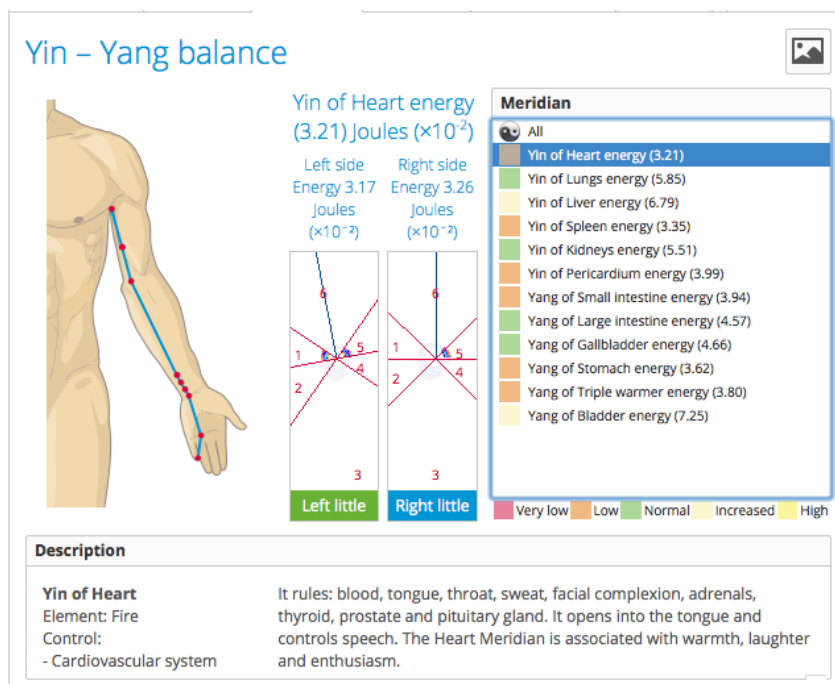
Fig.18

Report

Prepares a PDF file containing descriptions of the main parameters. Comments, recommendations and pictures may be added, and all included information is customizable for corrections and omissions.

Export to CSV

Allows for saving the main parameters in CSV format for further processing in Excel, Statistics and other similar programs. Fractional numbers are presented using the European style – with a comma separating the integer and decimal portions of the number. It may be necessary to enable European settings within the program to view the data correctly.

Back button takes you back to initial view.

After Scan Mode

This mode allows simple comparing of two HEF readings. Choose the first scan, then click the **After Scan** button. The capture screen will appear to enable a Full Scan. The Analysis button will present two sets of of Energy Field and Chakras for review (Fig.19). This mode is a simpler version of Compare mode.

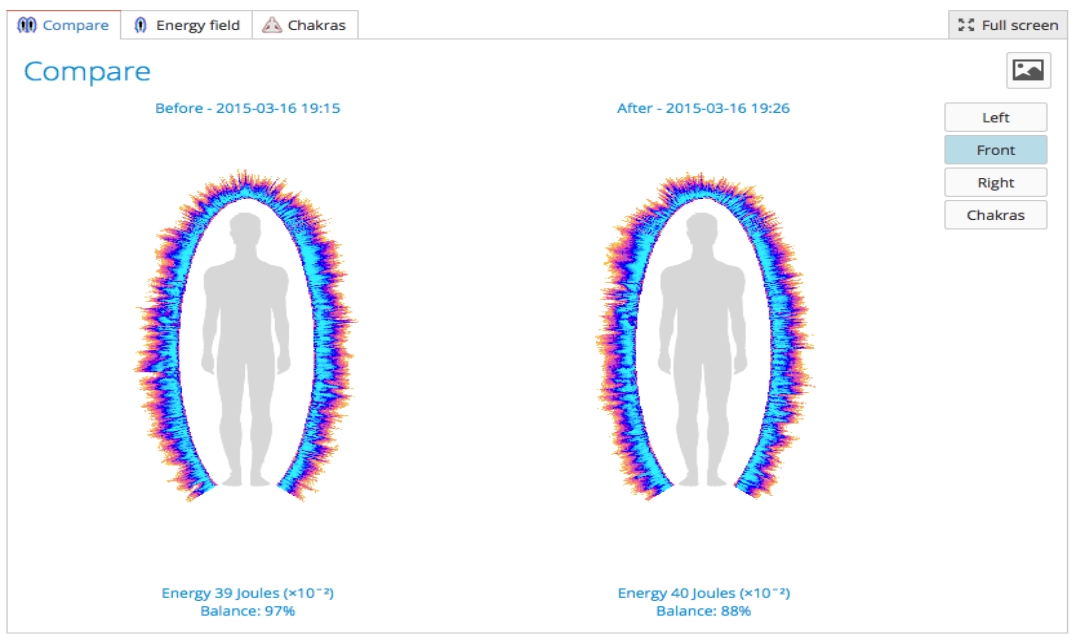
Fig.19

Stress Test Scan Mode

This mode enables readings from two fingers to produce an analysis of the 3 main parameters. Typically, the Ring fingers (4L and 4R) are used for this scan. However, the use of other fingers is optional.

As a result of this test the scales of Stress, Energy and Balance will be presented.
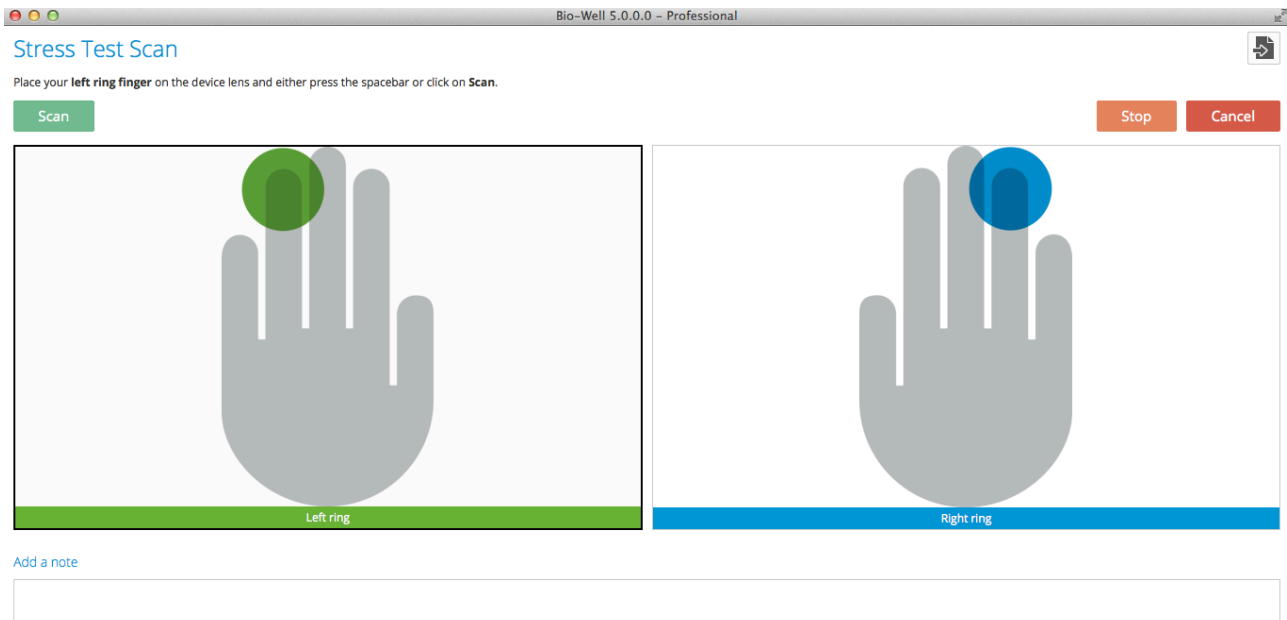
Fig.20

Environment Mode (Sputnik or Water Electrode required)

This mode enables the measurement of dynamic processes. During the first three minutes, a baseline signal is recorded; these data are excluded from analysis.

It is recommended that during the readings no other activity would be done at the computer and computer would not switch to sleep mode till the completion of the session.

Click **Start** to test the image of the metal cylinder. It should look like a circle with very little or no pixel noise inside (Fig.21).

Fig.21

Labels may be added during readings.
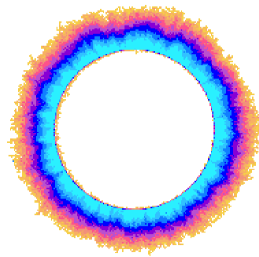
Clicking **Stop** will save the data on the computer if offline, or to the server if online.

View offers the list of available parameters to be displayed (Fig.22).
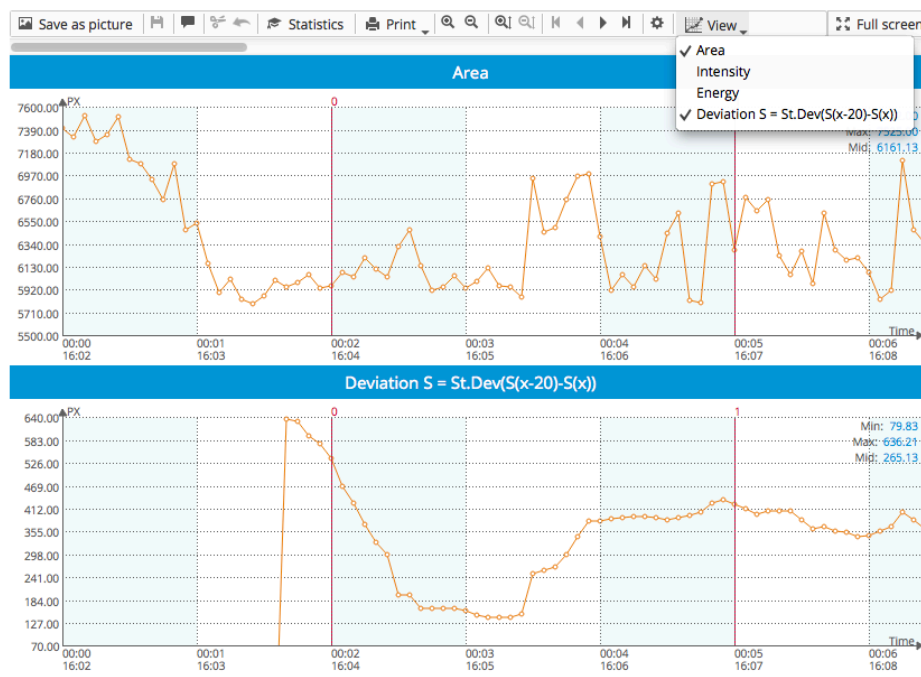

Fig.22

For every graph, the scale may be changed by a click on the vertical axis.

Edit labels allows for adding and editing labels.

Right-click enables selection of part of the graph to **Save Selected to the new file or Cut Selected** part.

Statistics button opens the Statistics window.

Right-click to edit and **add labels**. Labels may be added at equal time intervals from

60 seconds to 6000 seconds.

Click **Calculate**. The software calculates parameters for all labeled intervals and parametric / non-parametric statistics. Every interval is compared with the prior interval (Fig.23).

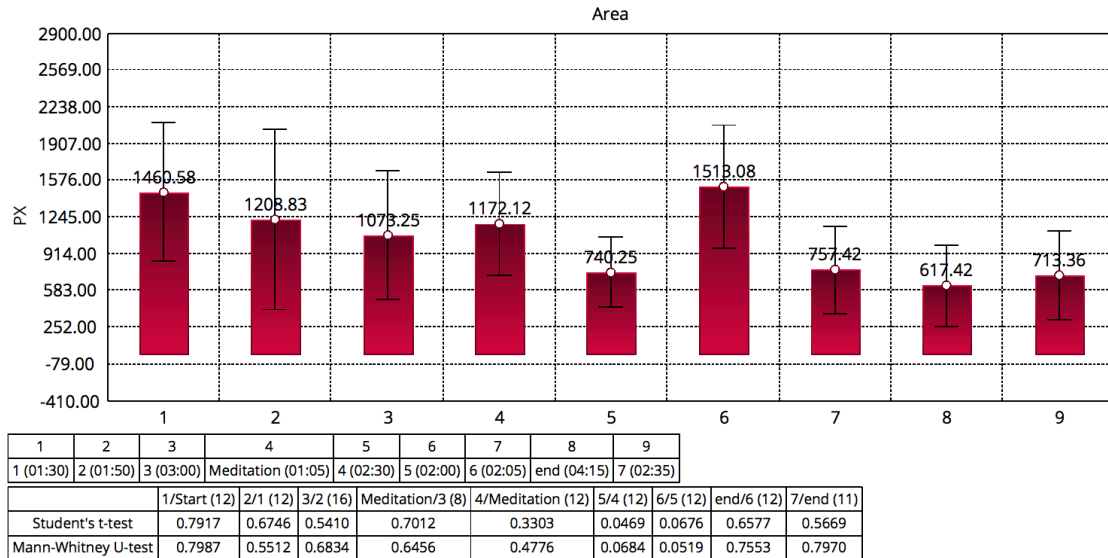|	1/Start (12)	2/1 (12)	3/2 (16)	Meditation/3 (8)	4/Meditation (12)	5/4 (12)	6/5 (12)	end/6 (12)	7/end (11)
Student's t-test	0.7917	0.6746	0.5410	0.7012	0.3303	0.0469	0.0676	0.6577	0.5669
Mann-Whitney U-test	0.7987	0.5512	0.6834	0.6456	0.4776	0.0684	0.0519	0.7553	0.7970

Fig.23

Meditation Mode

This mode is designed for operations with the Sputnik sensor or Bio-Clip attached to a human wrist for recording the effect of the meditation process. First, 10 minutes is needed to collect environment information, then the **Meditation** button may be clicked. The **Stop Meditation** button inserts the label, but measurements will continue. The **Stop** button ends the measurements. Results will be presented as a dynamic curve of the Entropy (Fig.24).
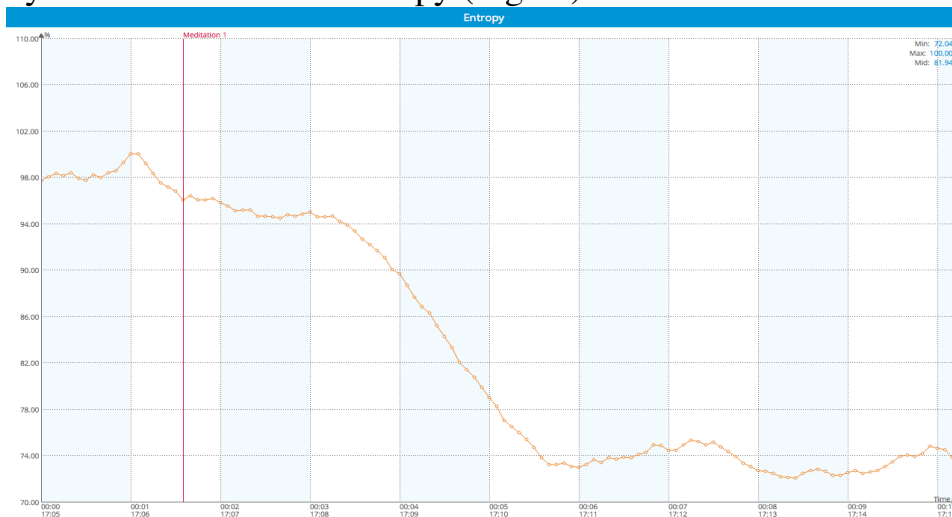

Fig.24

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One finger mode

In this mode you may take Bio-grams of one selected finger several times. Pressing Analysis you will see all the images with their parameters and evaluate statistics of the whole image or some specific sector by different parameters. At the figures below presented analysis of the 10 Bio-grams of the right ring finger. This mode allows to monitor appearance of the specific defects or see the effect of dynamic testing to the whole image or particular sector.
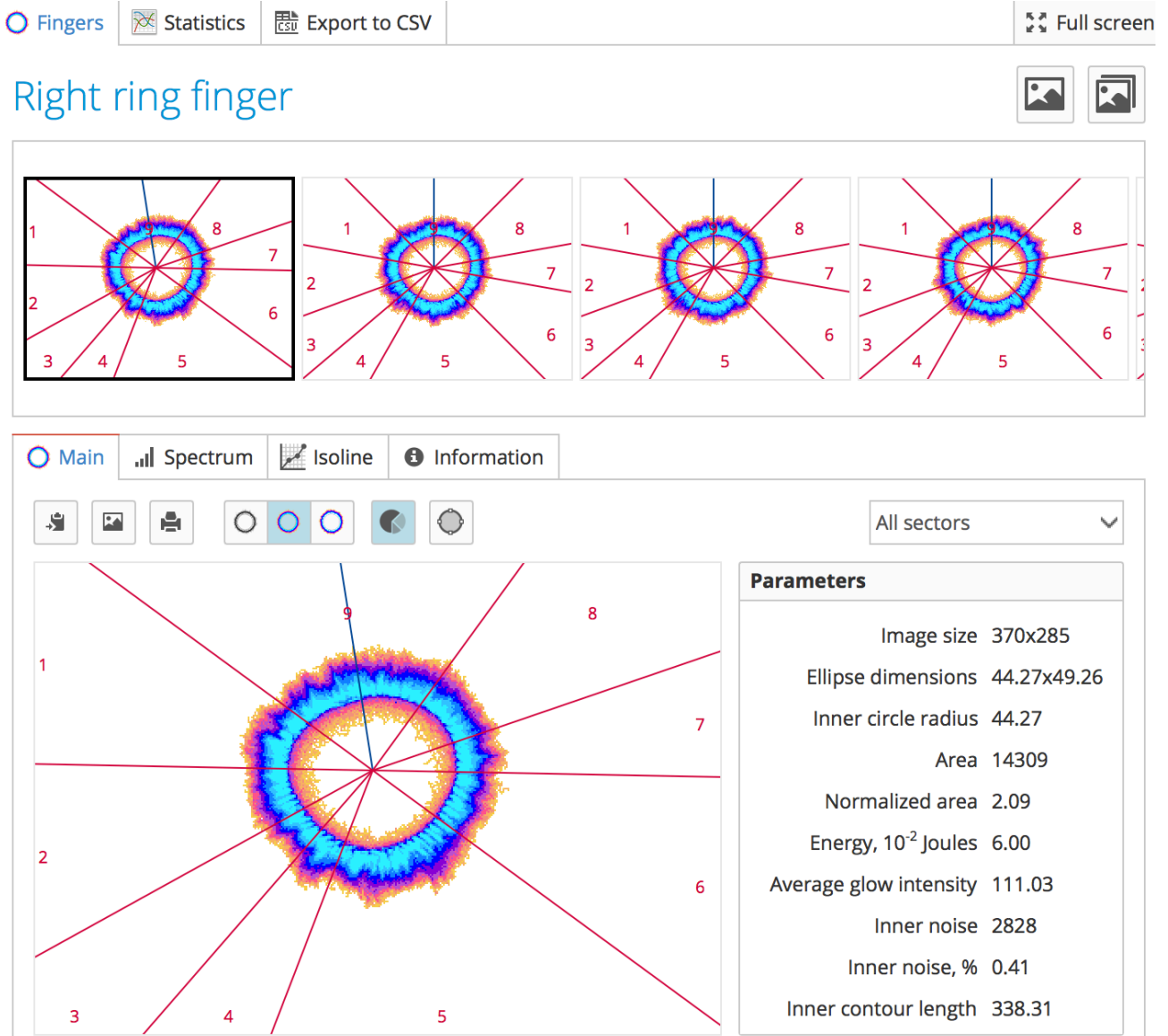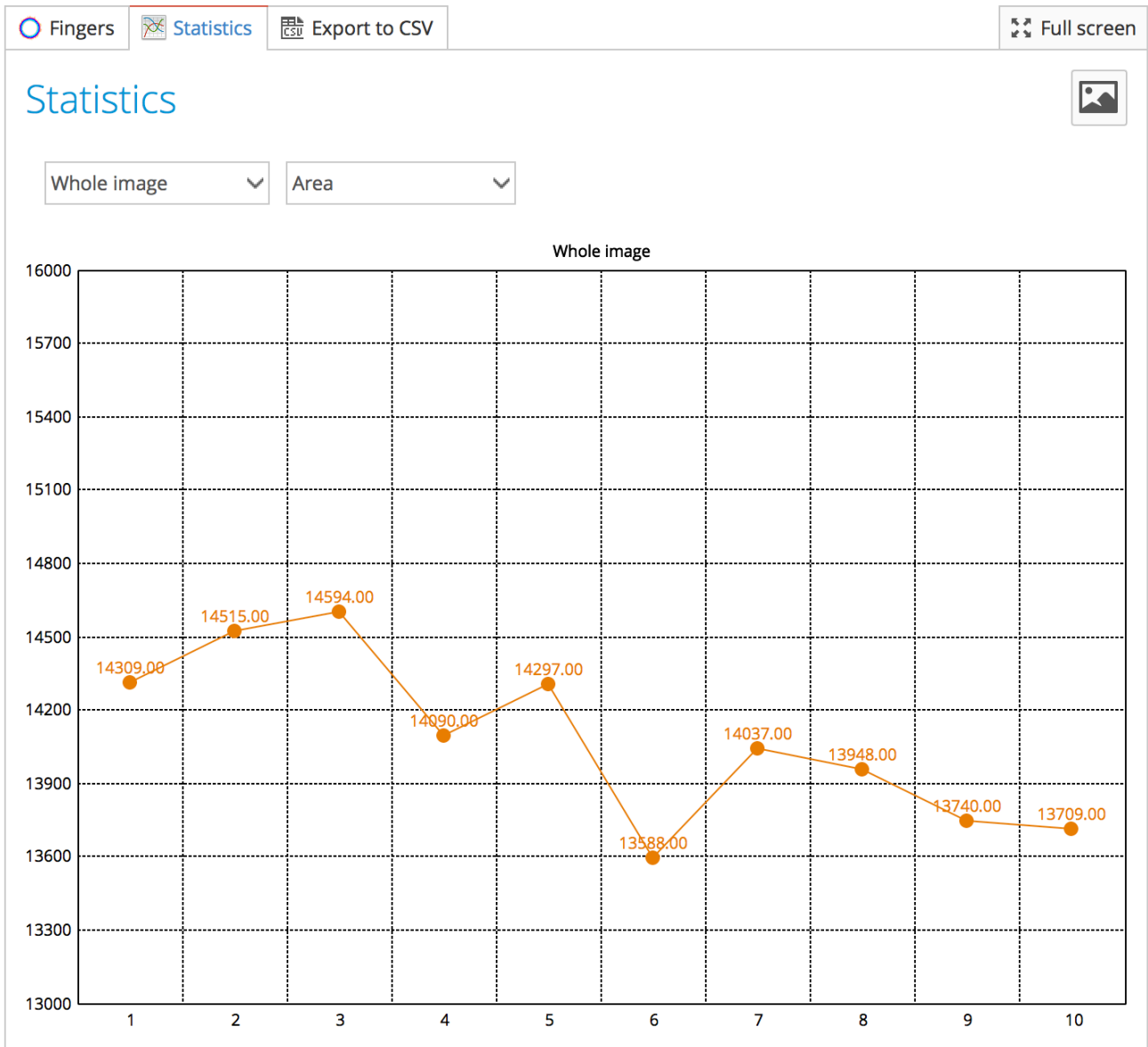
Left-Side Panel

This is the location of the following options: DATABASE, RECENT, COMPARE, RECEIVED, and CALIBRATION (Fig.25).

DATABASE: Returns to the main Database screen from any process.
RECENT: Displays the most recent scans.
RECEIVED: Shows scans received from other users.
COMPARE: This mode allows for comparison of up to 50 scans and saves the parameters as a CSV file.
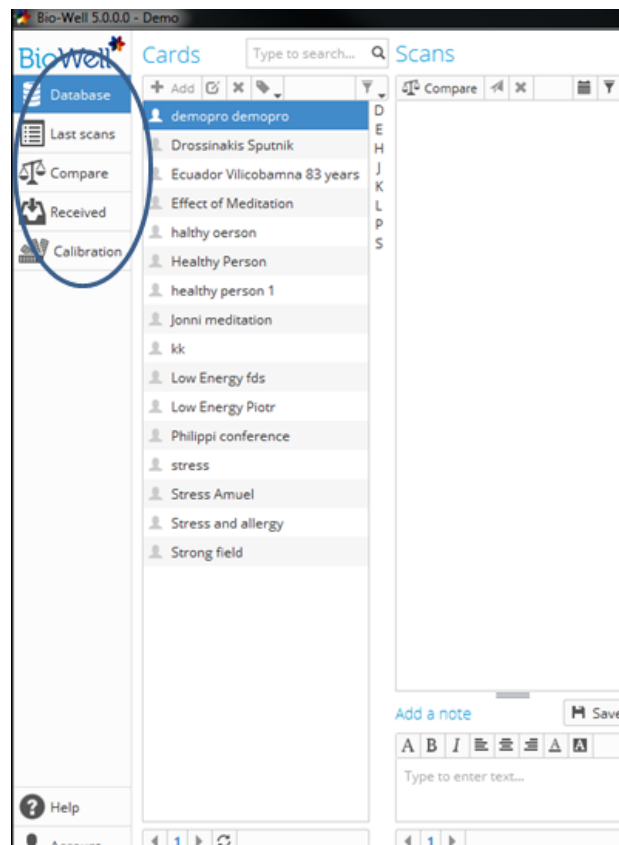
Fig.25

Calibration

This mode is necessary to ensure stable device operation following changes of location and/or environmental conditions. It is recommended to calibrate when moving to various locations, or at least once per month of operation. To calibrate:

1. Remove the Finger Insert by holding the unit firmly while gently pressing downward and pulling outward.
2. Connect the grounding cable to the spring knob on the top of the Calibration Unit (doing this after inserting the unit may damage the glass inside).
3. Insert the Titanium Cylinder unit by raising and holding back the spring knob while carefully pushing the unit in until it clicks into place. Then, gently lower the spring knob until it rests on the glass.   **NOTE**: **Do not let the spring lower quickly or abruptly, and be sure to not rotate the knob without first raising it. Failure to follow these procedures may result in scratching the glass, which is not covered by the warranty.**
4. Connect the other end of the grounding cable to the port located at the rear of the Bio-Well device.

5. Click **Start** and a test image will appear. It should display a full ring (Fig.21). If the image is having noise inside or distorted, clean the glass with a cloth and carefully check the position of the spring knob to be sure the Titanium Cylinder is resting evenly on the glass (raising before adjusting).

Calibration may take up to 30 minutes depending on the condition of the device, and/or environmental factors (i.e., high humidity).
Calibration data will be saved for all your scans and used for data processing.

It is recommended to calibrate at least once per week or more frequently in the following situations:
- Moving to a new location;
- Rapid change of weather conditions;
- Presence of many people in the room;
- New Moon phase.

In the Calibration window, the Information button (Fig.26) displays identification and usage data for the connected Bio-Well device.
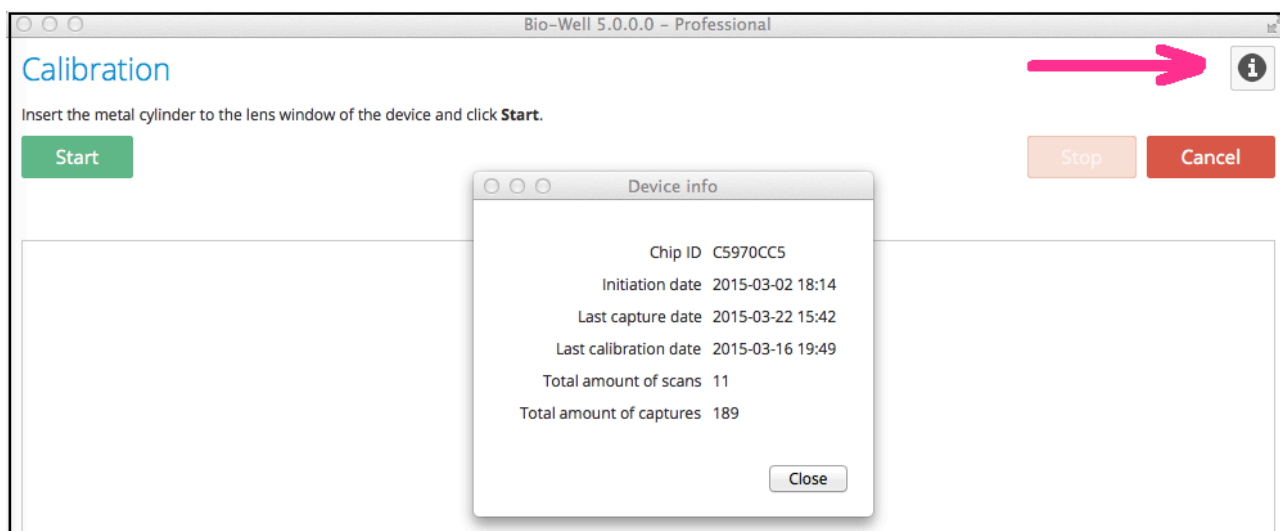

Fig.26

Offline Mode
Readings may be taken when not connected to the Internet. Data will be saved in the computer and processed when an Internet connection becomes available.

In Offline Mode it is necessary to add a Name (Gender and Birthdate for Full Scan)
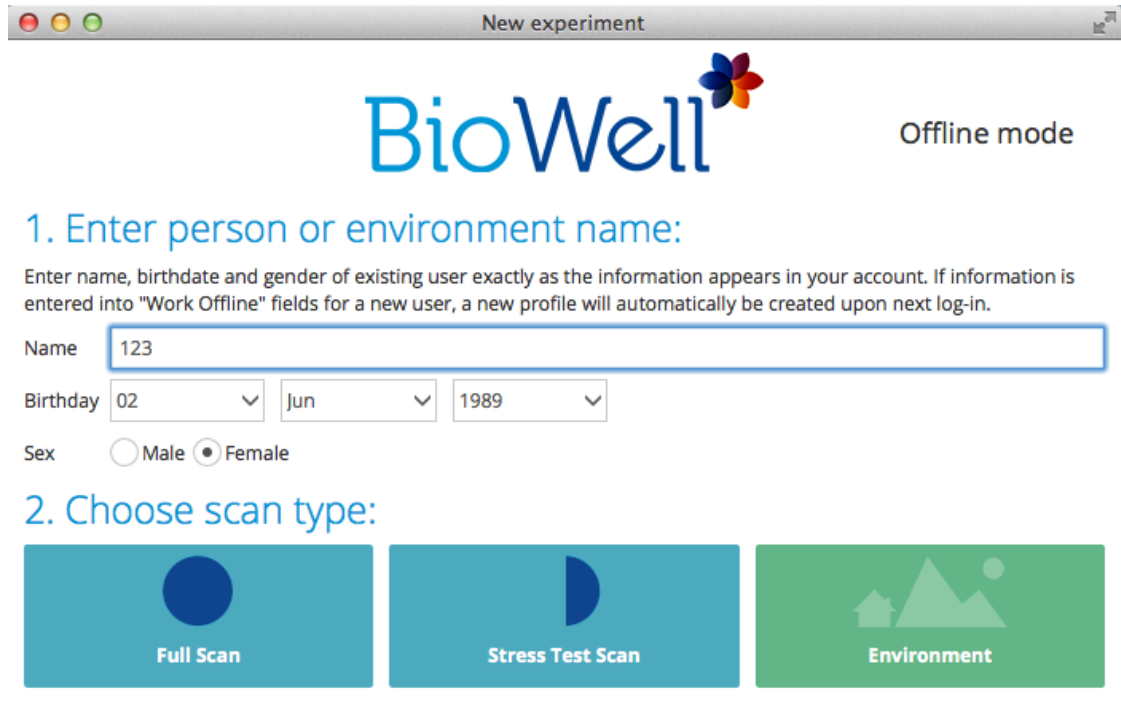
and **Select the mode** of the Scan.

Fig.27

Readings will be saved in the computer. When next logged in online, an **Upload** button will appear; click it to send the data to the server to be processed.

Previous GDV Readings

In **Full Scan** mode, a previously saved data file may be opened with the Import button (Fig.28). This allows users of other GDV instruments to use the Bio-Well software. A Card must first be created to be associated with the data to be imported.
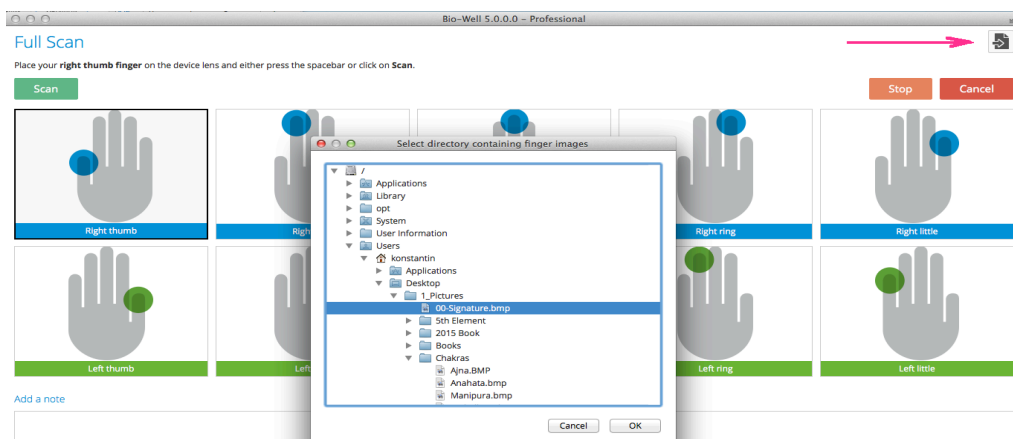

Fig.28

Important Remarks

User should track environmental conditions during experiments:

- Shifts in relative humidity should not exceed 5%.
- Shifts in air temperature should not exceed 10 ºC.
- During experiments, do not turn on/off electrical devices within the room where the Bio-Well device is operating.
- Do not use cell phones near the Bio-Well device or Sputnik.
- Presence of different people in the room may affect the measurement results.
- Do not take measurements during strong atmospheric changes.
- Be aware of changes in geomagnetic background (e.g. Sun and Moon rise/recess).

For general finger scans:

- Clean the person's fingers with a soft cloth before taking the reading, especially to at least wipe any hand lotion off the fingers.
- Clean the optical glass using a soft cloth after every set of scans.
- Fingers should be positioned on the fingertip.
- If light is preventing clean scans, reposition the fingers lower within the Bio-Well device, especially the little finger (sometimes light comes in under the finger). You may clean the image before saving it (see Fig.5).
- For people with long nails you may erase the nail shadow before saving the image.