

SOFTSUITE

User's
Manual

Version V2.1.x



Congratulations!

You have just acquired innovative and quality software. We have put our highest effort into each development stage. We can assure you of the quality and reliability you expect from this software.

Before installing and using this software, we recommend that you carefully read this instruction manual.

Here you will find information necessary for the proper use of this software.

We hope that you enjoy using this software as much as we did creating it.

De La Rosa Research Team.

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DETAILS

SoftSuite2 is a program that inherits characteristics of the program and improves it. Software Suite was created for the management and configuration of the De La Rosa Research's equipments, in order to improve the user experience in the time to design your own experiments. SoftSuite2 lets you communicate with the teams through your computer and design automated tests. It also allows you to get a table of results to analyze in more detail the performance of the experimenter in his experiments. SoftSuite2 is updated continuously to be able to offer unique values that you as a user can enjoy.

SPECS



Export results



Windows 10 compatible



User manual included

Characteristics	SoftSuite2
Operating system	Windows 7, Windows 8, Windows 8.1, Windows 10.
Architecture	32 y 64 Bits
Resolution	1024x768 XVGA
Support	Program support shares expiration plan compatible with purchased De La Rosa Research equipment. *
Updates and news	Long term support. There is no end date for the support plan. *
Contact	Support and contact through: telephone, remote access through AnyDesk and mail.

SYSTEM SPECIFICATIONS



* Subject to modifications. Modifications can be produced by policy changes of the company.

SYSTEM REQUIREMENTS

Minimum requirements	Recommended requirements
235 Mb of disk space	235 Mb of disk space
Memory RAM 2Gb	Memory RAM: 4Gb
Minimum processor 1.4Ghz 2 core	Processor + 2.4Ghz 4 cores
	1Gb graphics card



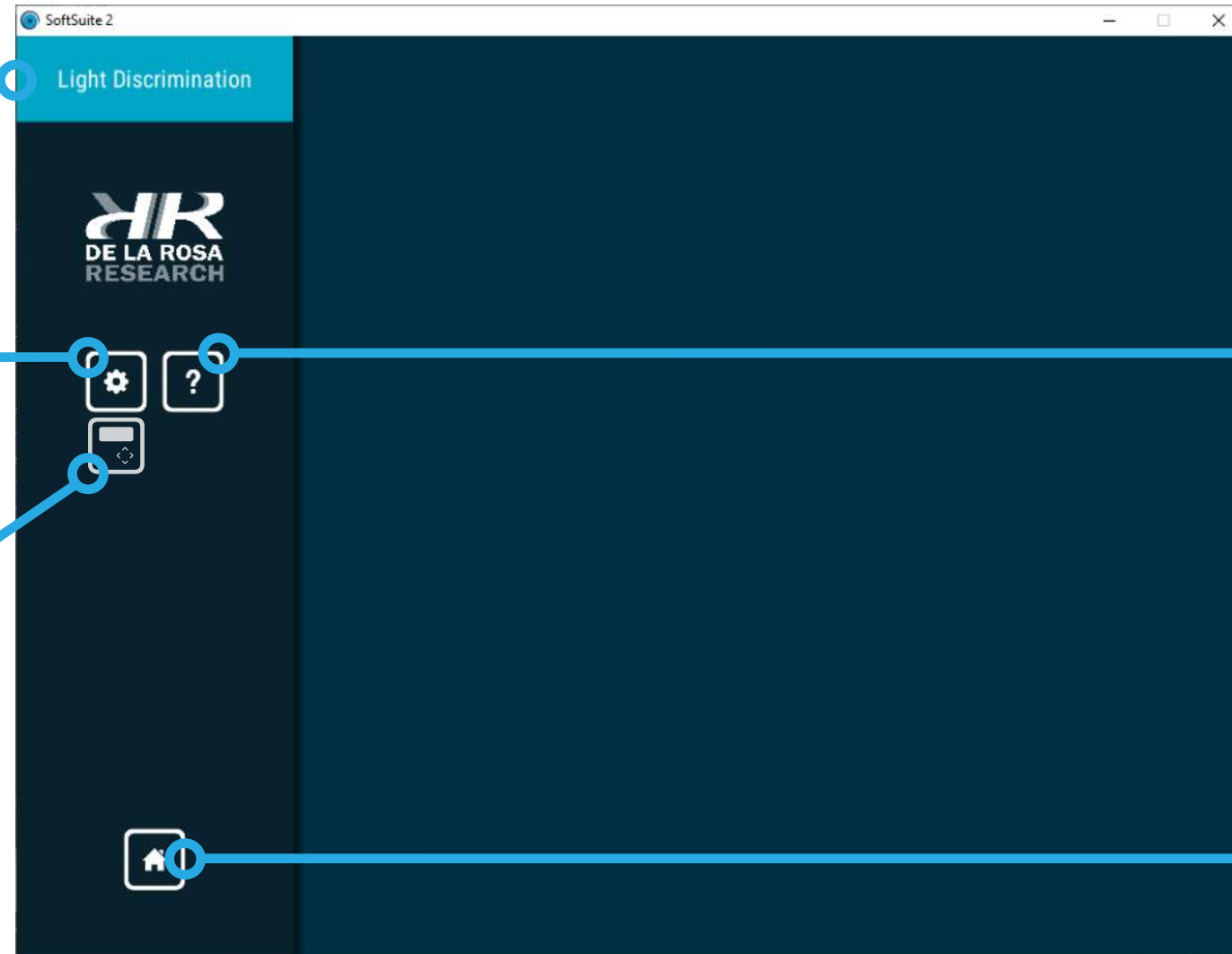
* Subject to modifications. Modifications can be produced by policy changes of the company.

CHARACTERISTICS

EQUIPMENT NAME
In this space the name of the equipment that is connected and running with the Program.

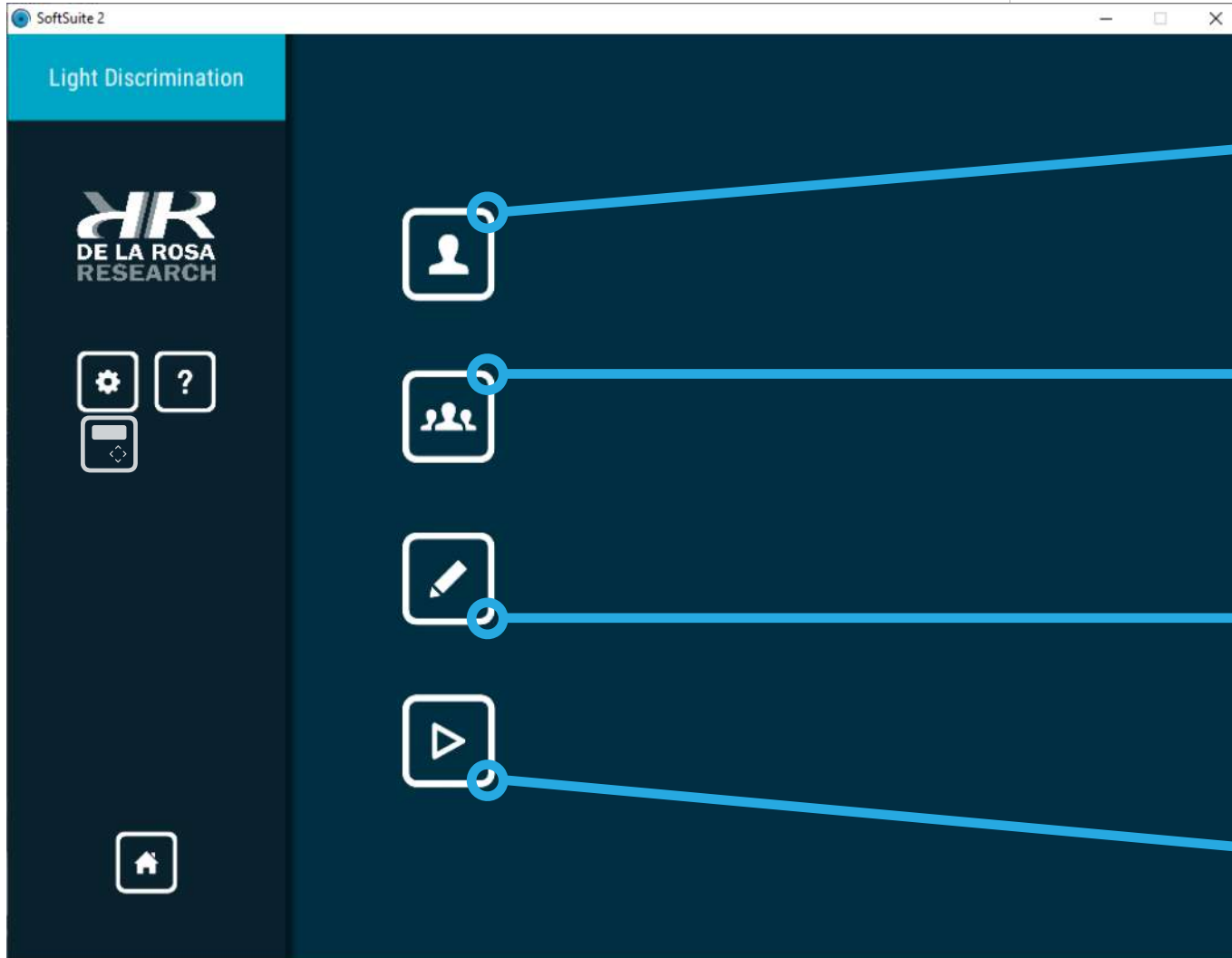
CONFIGURATIONS
Press this button to manage specific elements of the equipment such as calibration among others

CONTROL
Press this button to enter to the Virtual LCD Control



HELP
Press this button to request help or technical support

HOME
Press this button to return to the main menu

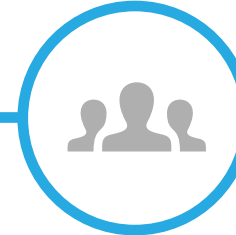


CHARACTERISTICS



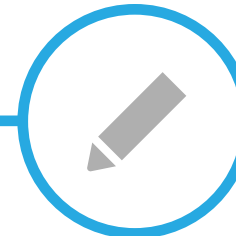
SUBJECT

Press this button to create subjects and affiliate them to groups



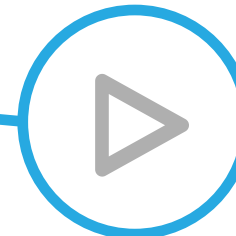
GROUPS

Press this button to create groups



EDIT

Press this button to edit subjects and groups



DESIGN

Press this button to design a experiment



SUBJECT

Create new subjects by selecting the option "Create Subjects" and entering the information requested in the form displayed.

The screenshot shows the 'New Subject' form within the SoftSuite 2 interface. The interface has a dark blue sidebar with the 'RR DE LA ROSA RESEARCH' logo and several icons. The main content area is white and contains the following form fields:

- Email:** A text input field with a placeholder 'Email...'
- Name:** A text input field with a placeholder 'Name...'
- Last Name:** A text input field with a placeholder 'Last Name...'

At the bottom of the form, there are two buttons: a red square button with a white 'X' and a blue square button with a white checkmark.



GROUPS

Create new groups by selecting the option "Create Groups" and entering the information requested in the form displayed.

The screenshot shows the 'New Group' form within the SoftSuite 2 interface. The interface has a dark blue sidebar with the 'RR DE LA ROSA RESEARCH' logo and several icons. The main content area is white and contains the following form fields:

- Group Identifier:** A text input field with a placeholder 'Identifier...'
- Group Name:** A text input field with a placeholder 'Name...'

At the bottom of the form, there are two buttons: a red square button with a white 'X' and a blue square button with a white checkmark.

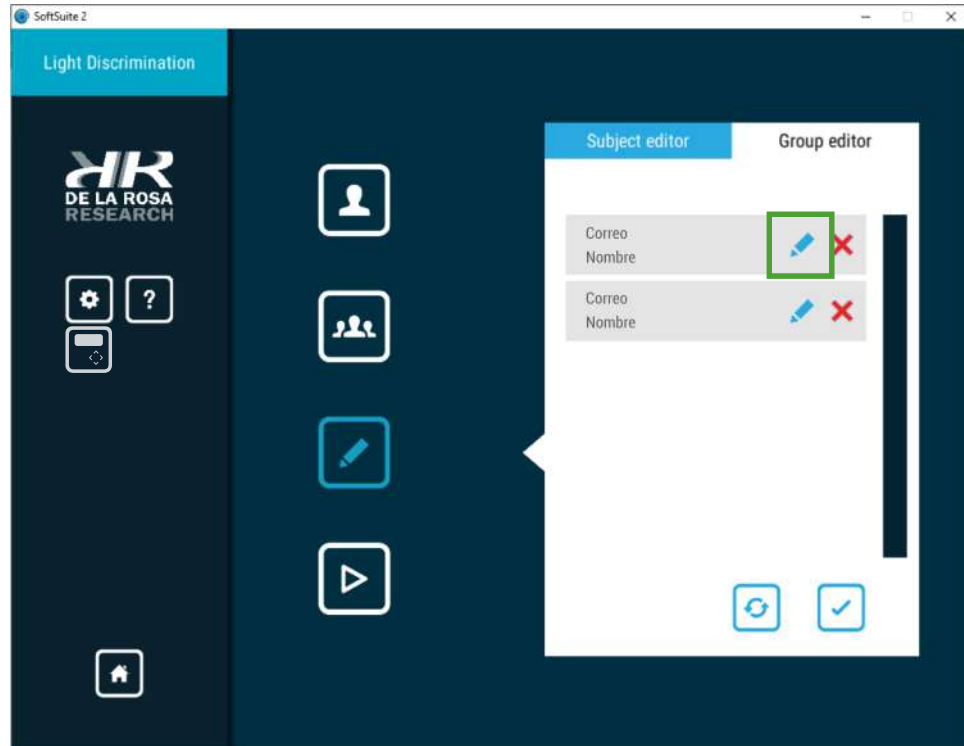
CHARACTERISTICS



EDIT

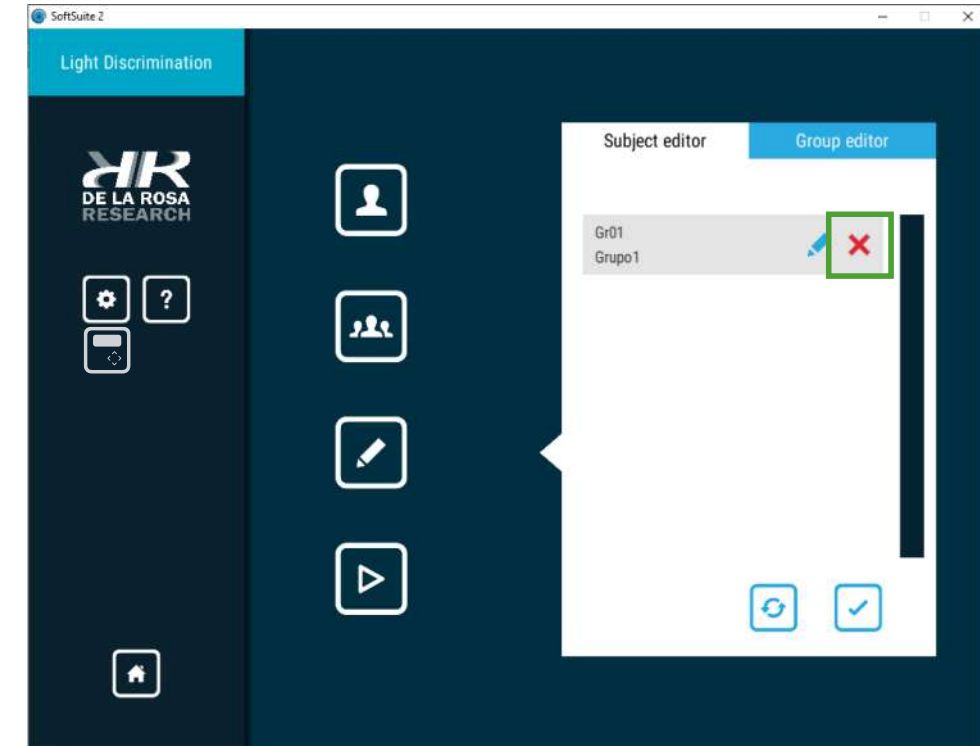
Edit or delete the created subjects and groups.

- **Blue pencil button:** It will open a similar form when creating the subject, where you can edit the data of the selected subject or group.



CHARACTERISTICS

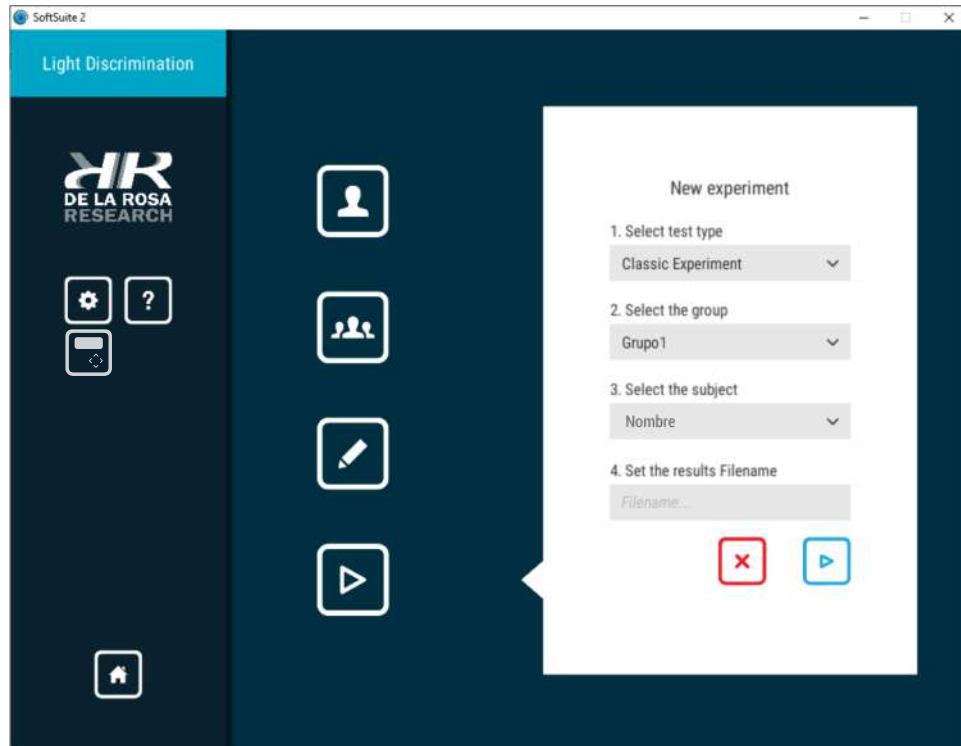
- **Red X button:** will delete the selected box.





DESIGN

Design new experiments by selecting the "**Design Experiment**" option.



COMPATIBILITY

SoftSuite2 compatible equipments

- Card Sorting Box
- Depth Perception Apparatus
- Illusionator
- Linear Movement Apparatus
- Light Discrimination Apparatus (Subject to updates)
- Color Mixer



If you have purchased one of the aforementioned equipment before 2019, it is likely requires firmware update to be compatible with SoftSuite2.
Go to: <https://delarosaresearch.com/contact.php> to request this update.



Firmware: A set of instructions from a computer program that is found registered in a memory ROM, flash or similar. (development firm).



PROCEDURE



General recommendations



Initial settings



Operating

1// HOW TO DOWNLOAD THE SOFTWARE?

DOWNLOAD AND INSTALLATION

Download **SoftSuite2** and select your architecture:
<https://delarosaresearch.com/downloads.php?p=144>

You can also download the **SoftSuite2 X64** program in the download option at:
<https://delarosaresearch.com> > Products > Software > SoftSuite2 > More Details.

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- Before continuing, connect the equipment to the computer using the USB cable supplied with the purchased computer.
- Connect the equipment to a power outlet and turn it on on the back using the On/Off button.

2// HOW TO INSTALL THE SOFTWARE?

INITIAL INSTALLATION PROCESS

Once installed, double-click on the SoftSuite2 icon that appears.
found on the desktop.

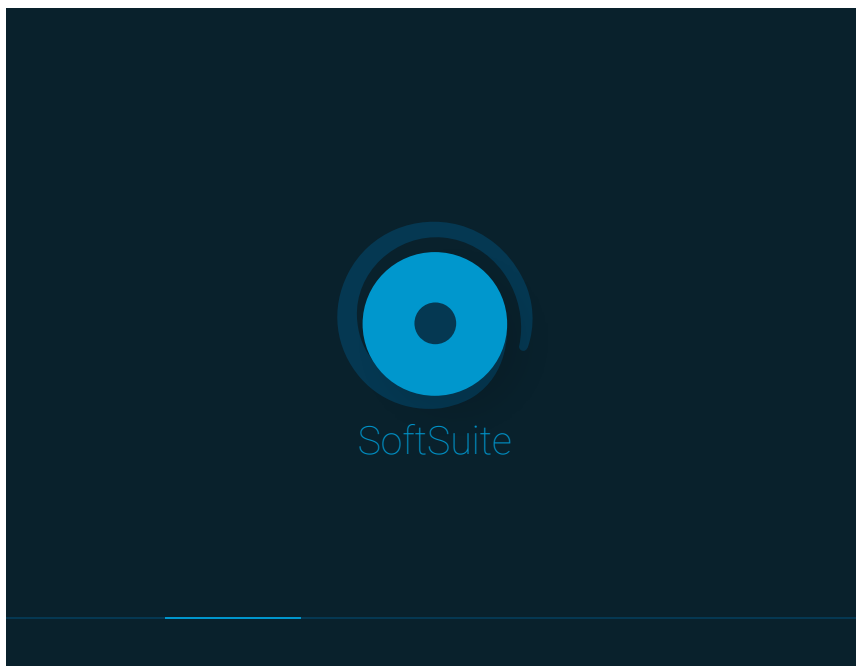


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3// HOW TO INSTALL THE SOFTWARE?

INITIAL EXECUTION STEPS

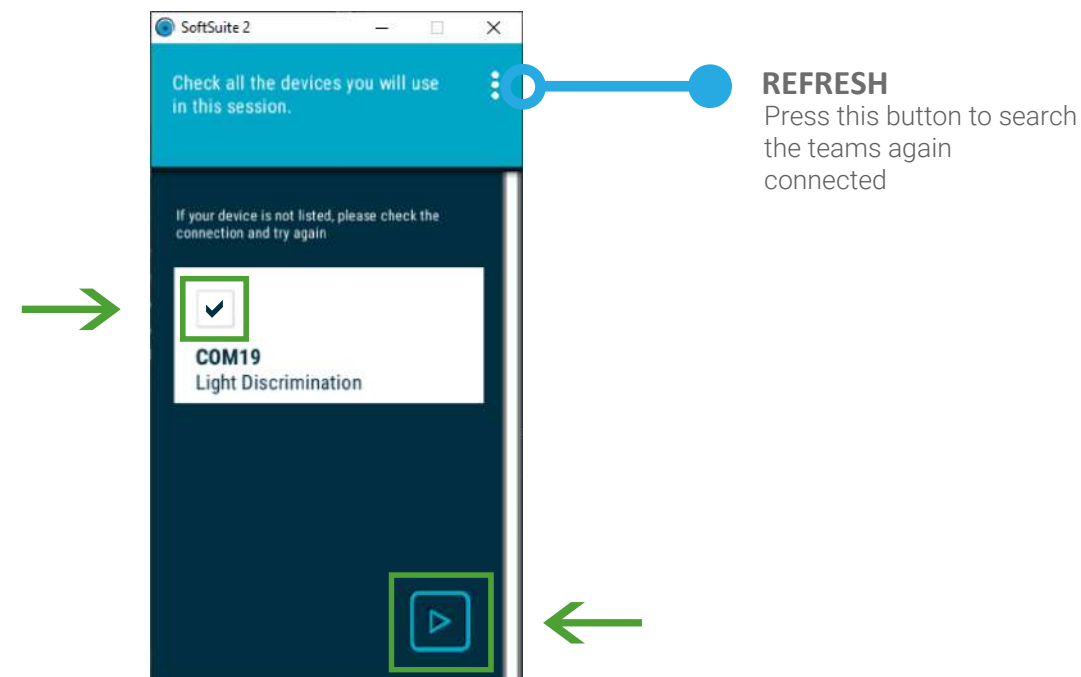
a) Then you will see a loading image of the program, wait a few seconds.



PROCEDURE // INITIAL SETTINGS



b) When the loading has finished you will see the following window:



Select the check box in the list corresponding to the equipment you want to use and press the button on the lower right corner to continue. If your equipment is not listed, please make sure to have connected it correctly and press the "Refresh" button.

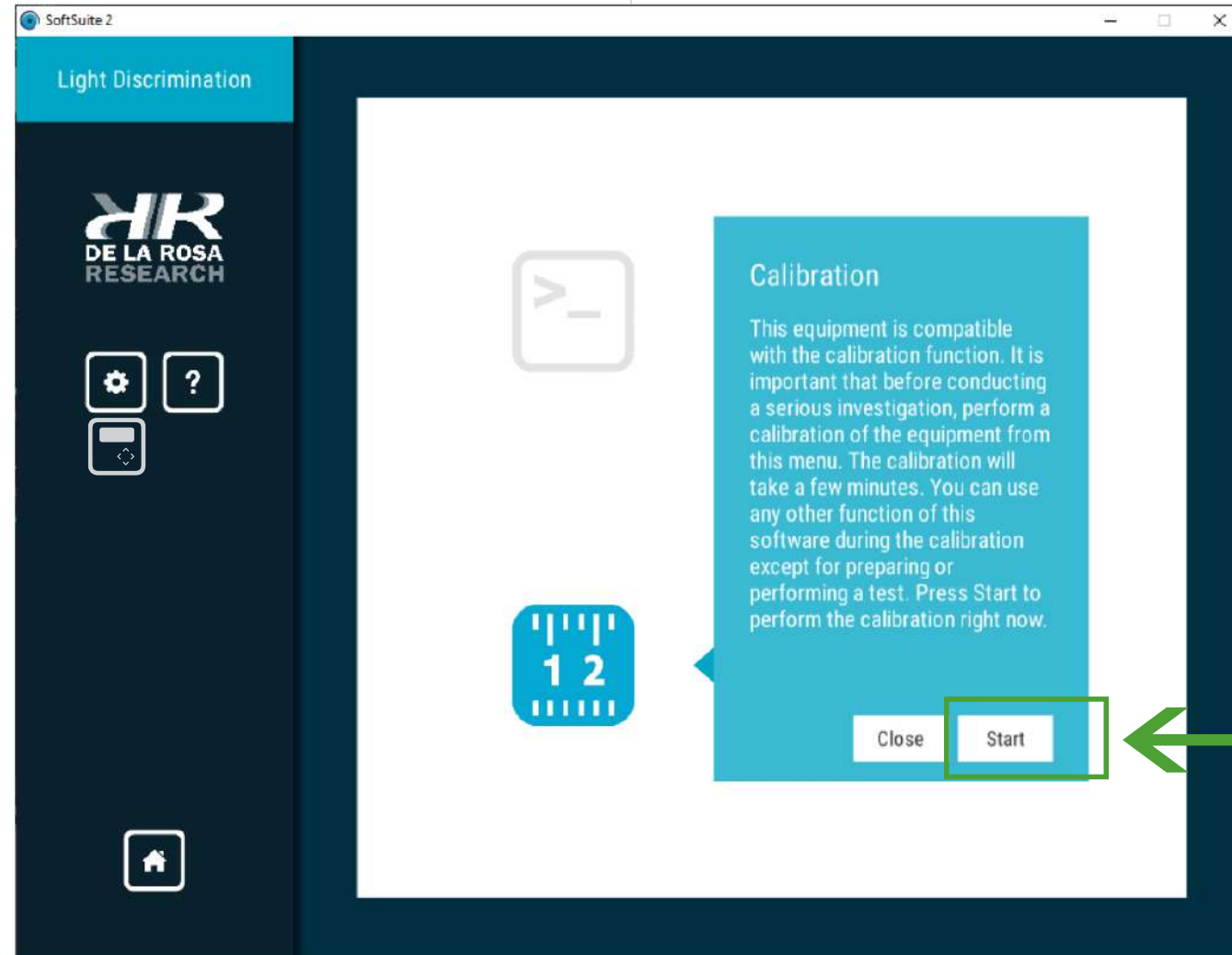
4// HOW TO CALIBRATE?

CALIBRATION STEPS

To start the calibration please read the instructions you will see on the panel and press the "Start" button. During calibration you can use other elements of the program.



The calibration final time may vary according to the equipment.
The calibration final time could take about 5 minutes in some cases.



Not all the equipments needs calibration process.



Then, search the corresponding pages of your equipment and read the instructions, finally continue to page (46).

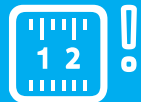
- Depth Perception (32-33)
- Light Discrimination Apparatus (34-35)
- Linear Movement (36-37)
- The Illusionator Set (38-39)
- Card Sorting Box (40-43)

If you want to go directly to the Virtual LCD Control go to pages (44-45).

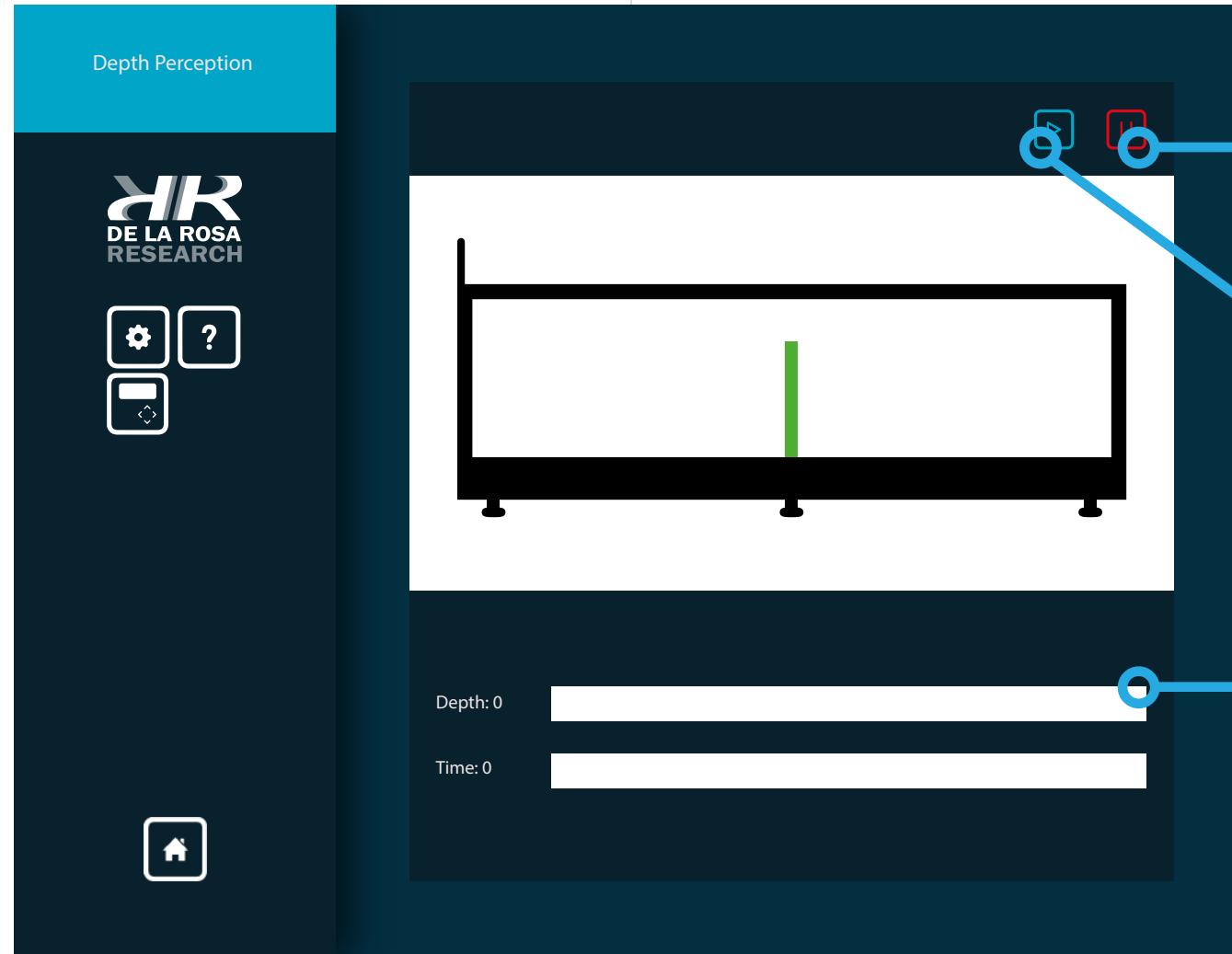
DEPTH PERCEPTION

TEST START

In this window you can see a side view of the equipment that will inform the location of the rod internally, designating the point central as point 0. The main face where the subject can see during the test corresponds to the left side of the window.



This equipment requires calibration process before starting any test of the day. Go to pages (30-31) to perform this step.



PROCEDURE

// OPERATING



STOP

Press this button to stop and show results



START

Press this button to Start a proof



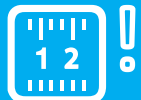
SETTING

Use this zone to configure a experiment and / or view information equipment during a test in real time

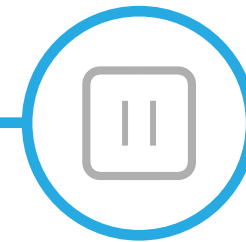
LIGHT DISCRIMINATION APPARATUS

TEST START

In this window you can see the controls of the light equipment discrimination in real time.



This equipment requires calibration process before starting any test of the day. Go to pages (30-31) to perform this step.



STOP
Press this button to stop and show results



START
Press this button to Start a test

CONFIGURATION AREA
Use this zone to configure an experiment or get information about the equipment during a test in real time

PROCEDURE

// OPERATING



LINEAR MOVEMENT

TEST START

In this window you can check in real time the instant in which grab and hold the equipment's sensor and all about the distances where has moved the sensor.

INFORMATION AREA
Use this area to view information useful during a test

Linear Movement

RR
DE LA ROSA
RESEARCH

← [Sensor Icon] →

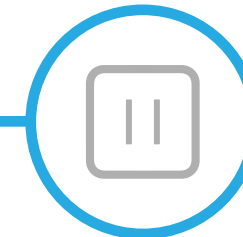
Distance 32 ms Time 1976 ms

Queue		Results	
1.	to 46 cm	1.	to 46 cm
2.	to -86 cm	2.	to -86 cm
3.	to 12 cm	3.	to 12 cm
4.	to 68 cm	4.	to 68 cm

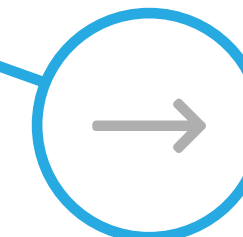
Home



START
Press this button to Start a test



STOP
Press this button to stop and show the results of the current test



INDICATOR
Sensor direction indicator

PROCEDURE

// OPERATING



THE ILLUSIONATOR SET

TEST START

In this window you can check in real time the experiment that is being running (Ahmes Window or Disk) and the speed in RPM (revolutions per minute) minute during the test.

CONTROL
Test controls.
(Level or speed controller)

INFORMATION AREA
Use this area to check useful information during any test

The screenshot shows the 'The Illusionator Set' software interface. The title bar at the top reads 'The Illusionator Set'. The main window features the 'RR DE LA ROSA RESEARCH' logo on the left. Below the logo are three icons: a gear, a question mark, and a play button. The central area displays a window icon and the text 'LEVEL: -'. At the bottom, there is a 'Select the orientation' dropdown menu set to 'Left' and a 'Set the initial level value from:0 to 235' section with an 'Initial level value...' input field. A home button is located at the bottom left. Surrounding the screenshot are callouts for various controls:

- STOP**: Press this button to stop and show results. (Icon: square with two vertical bars)
- START**: Press Use this button to start a test. (Icon: square with a play triangle)
- LEVEL**: Press this button to submit the level preconfigured to the equipment and then start the test. (Icon: square with a right-pointing arrow)
- NOTES**: Press this button to create notes during a test. (Icon: square with a pencil)
- CONTROL**: Test controls. (Level or speed controller). (Icon: square with a play triangle)
- INFORMATION AREA**: Use this area to check useful information during any test. (Icon: square with a play triangle)

PROCEDURE

// OPERATING



NOTES
Press this button to create notes during a test

LEVEL
Press this button to submit the level preconfigured to the equipment and then start the test

STOP
Press this button to stop and show results

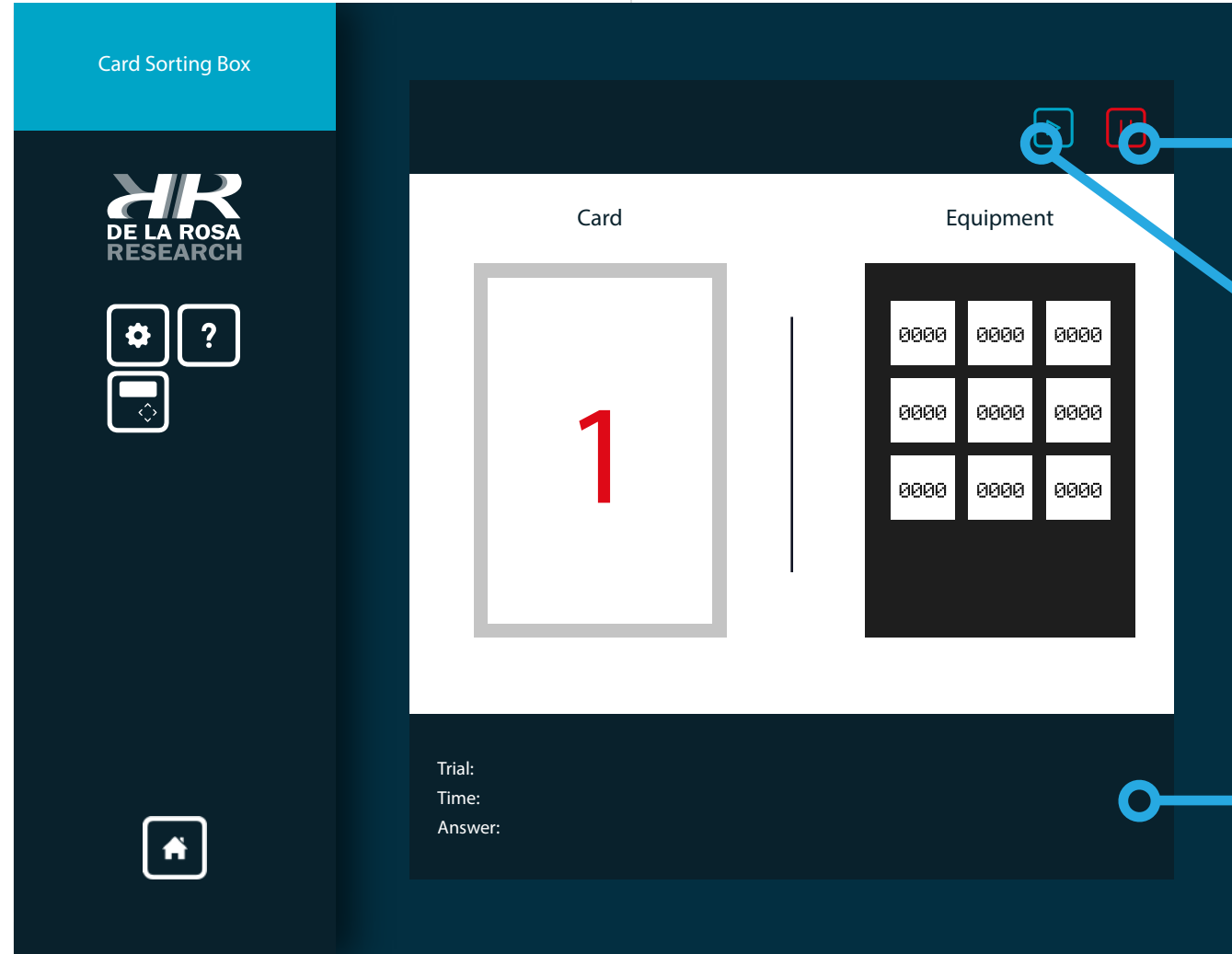
START
Press Use this button to start a test



CARD SORTING BOX

TEST START

In this window you can check in real time the card put in the Card Sorting Box and card slot reader where the card has been inserted during a test.

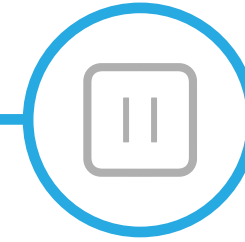


PROCEDURE

// OPERATING



STOP
Press this button to stop and show results



START
Press this button to Start a test



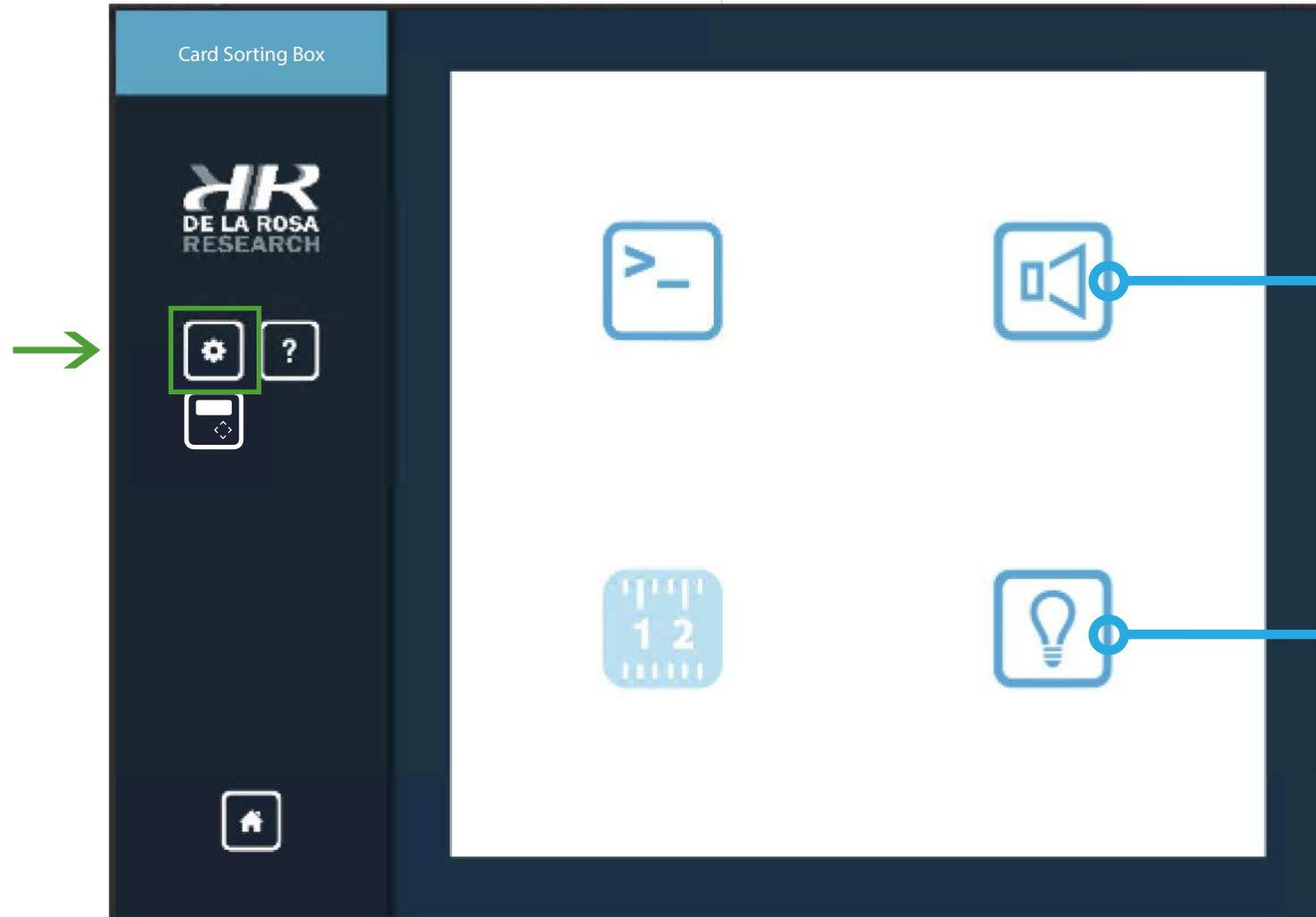
INFORMATION AREA
This area shows useful information during a test



CARD SORTING BOX

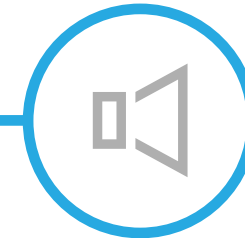
CONFIGURACIONES

In this window you can see configuration options for the Card Sorting Box equipment. You can configure both following options: Sound and Console light. These settings are optional according to the requirements of the experimenter tests.



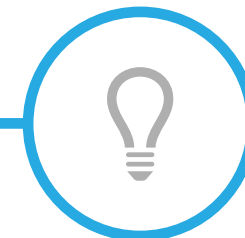
PROCEDURE

// OPERATING



SOUND

Press this button to activate / deactivate the sound emitted by the console



LIGHT

Press this button to activate / deactivate the light generated by the console

VIRTUAL CONTROL

VIRTUAL LCD CONTROL

In this window you can see the LCD Control emulator, it works as same as physical control.

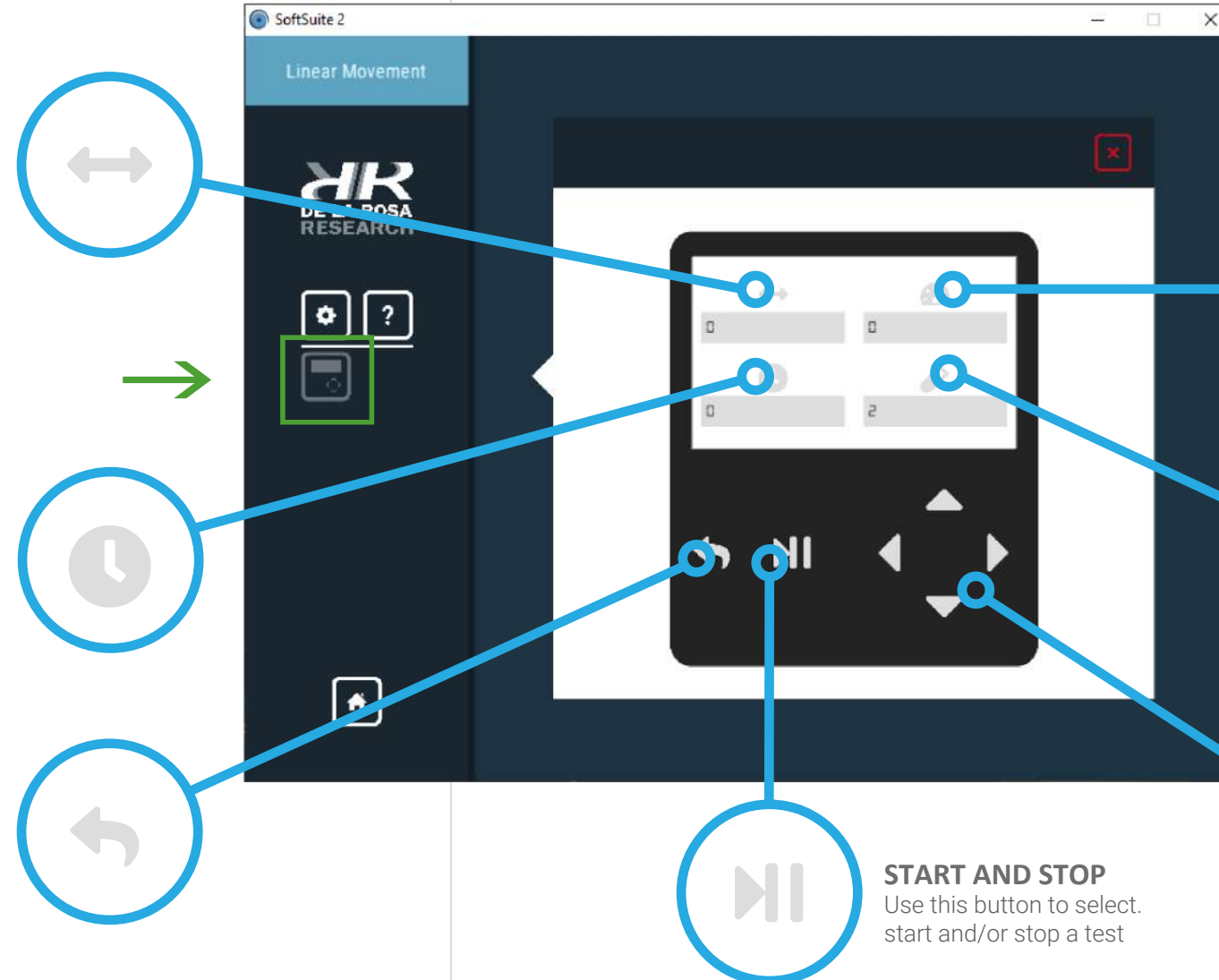
To access to this function, select the button located at the left panel indicated (green colored).

When entering to the virtual lcd control, read the information shown, finally go to equipment user manual you have purchased and follow the corresponding instructions.

DISTANCE
In this area you will see the distance, It will show in tenths millimeters

TIME
In this area you will see the elapsed time of a test

RESET
Press this button to reboot Virtual LCD Control



START AND STOP
Use this button to select. start and/or stop a test

PROCEDURE

// OPERATING

SPEED
In this area you will see the final speed calculated from distance/time

WORKSPACE
In this area you will check the current workspace

ARROWS
Press these buttons to navigate between options and settings. These functions may vary depending the equipment

RESULTS

In this window you can see the test results. Each equipment generates a document of results that can be exported. The data will be generated depends to the selected subject in the designer test area from the beginning.

CLOSE

Press this button to close the results window



Resultados				
Time (ms)	Left value (Lev)	Right value (Lev)	Left value (Lux)	Right value (Lux)
884	128	0	1	7000
899	128	0	1	7000
915	128	0	1	7000
931	128	0	1	7000
946	128	0	1	7000
962	128	0	1	7000
977	128	0	1	7000
992	128	0	1	7000
1009	128	0	1	7000
1025	128	0	1	7000
1042	128	0	1	7000
1058	128	0	1	7000

PROCEDURE

// FINAL ADJUSTMENT

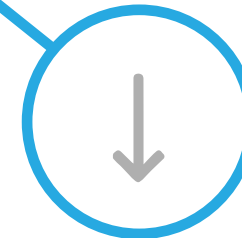
RESULTS

Use this area to see information about the incorrect and correct answers of the last test



DOWNLOAD

Press this button to download the generated results of the last test



FAQ

Is it necessary to have the equipment connected before opening the program?

R/ No. The program can recognize and list the connected equipments as long as When you press the "Refresh" button located at the top right of the page window **(29)**.

If I accidentally disconnect the equipment while the program were in the main menu or during a test, can I connect it and continue using the program?

R/ En este caso, el protocolo de comunicación habrá sido roto. Para restablecerlo es necesario ejecutar nuevamente el programa. El programa se cerrará al detectar una desconexión.

In what format and location are my experiments saved?

R/ The format is spreadsheet (.CSV) and the location will be saved in the folder: Documents> "De la Rosa Research / Results /".

Can I run different tests with different equipment connected to a single computer?

R/ Yes. You can open the SoftSuite2 program more than once on a computer depending on the number of equipments that you have connected and in each one you will be able to run a totally different program. You can work and export data independently.

* This is a new feature we are continuing to work on, please let us know if you submit difficulties or any observations to: <https://delarosaresearch.com/contact.php>

Where can I find the user manual for the equipment I purchased?

R/ In the packaging of your equipment you should find a QR label which contains a link that will take you to a welcome guide, with this you can download the manual of your equipment and others if you have purchased more than one.

If you don't have the tag at your fingertips, go to: <https://bit.ly/2M2QhJO>



This Is The End Of This User Guide

This was all the basic information you need for using the SoftSuite2; but this is just the beginning of the fun.

If there is something that is not clear to you, or if you have any questions, please feel free to contact us at any time.

We will be very happy to hear from you.

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