HARDWARE ASSOCIATED WITH WELLNESS MEDICAL SCREENING AND REFERENCES

HARDWARE ELECTRONIC BOX REFERENCES:
- Electronic box: Ref. SweatC
- TM-OXI (oximeter)

ACCESSORIES REFERENCES
- SweatC hand plate: Ref. HCSTM-ALL
- SweatC foot plate: Ref. FTCM-ALL
- SweatC disposable forehead electrodes: Ref. PT-470
- SweatC Reusable Cable: LDT-19
- SweatC Reusable Cable black: Ref. PG395/15R2N
- SweatC USB cable: Ref. USB-B
- Wellness Screening Software: Ref. SW WMS
- Instruction for use: Ref. IFU WMS
- Carrying case: Ref. Case 8045
CONTRAINDICATIONS: Cases in which the device should not be used

WARNING: Something could hurt patient or operator

FOLLOW THE INSTRUCTIONS FOR USE: Please read the operator’s manual carefully before using device.

Do not use in presence of Magnetic resonance

Safety Warning

CAUTIONS: Reminds operator to pay attention to sources of error, which may cause patient injury, abnormal device function, system crashes, damaged equipment, etc.

NOTES: Important information such as suggestions, requirements and supplements.

VERSION DATE

• VERSION 1: JULY, 1ST 2017
• VERSION 2: NOVEMBER, 1ST, 2017
# TABLE OF CONTENTS #1

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTENDED USE</td>
<td>6</td>
</tr>
<tr>
<td>TYPE OF DEVICE</td>
<td>7</td>
</tr>
<tr>
<td>PACKAGE CONTENTS</td>
<td>8</td>
</tr>
<tr>
<td>Wellness Medical Screening</td>
<td>8</td>
</tr>
<tr>
<td>HARDWARE SOFTWARE CONNECTION</td>
<td>8</td>
</tr>
<tr>
<td>DISCLAIMERS</td>
<td>9</td>
</tr>
<tr>
<td>UNDESIRABLE SIDE EFFECTS</td>
<td>9</td>
</tr>
<tr>
<td>CONTRAINDICATIONS</td>
<td>9</td>
</tr>
<tr>
<td>WARNINGS</td>
<td>10</td>
</tr>
<tr>
<td>INSTALLING THE SETUP PROGRAM</td>
<td>11</td>
</tr>
<tr>
<td>Software Activation and Registration</td>
<td>11</td>
</tr>
<tr>
<td>Presentation of the software</td>
<td>12</td>
</tr>
<tr>
<td>Home Screen</td>
<td>13</td>
</tr>
<tr>
<td>Navigation Screen</td>
<td>14</td>
</tr>
<tr>
<td>Patient Registration</td>
<td>18</td>
</tr>
<tr>
<td>Settings</td>
<td>19</td>
</tr>
<tr>
<td>CLEANING &amp; DESINFECTION METHODS</td>
<td>22</td>
</tr>
<tr>
<td>TAKING A MEASUREMENT</td>
<td>23</td>
</tr>
<tr>
<td>Precautions</td>
<td>23</td>
</tr>
<tr>
<td>Oximeter Placement</td>
<td>23</td>
</tr>
<tr>
<td>Cuff Placement</td>
<td>23</td>
</tr>
<tr>
<td>GRS electrodes placement</td>
<td>24</td>
</tr>
<tr>
<td>Addind a visit</td>
<td>25</td>
</tr>
</tbody>
</table>
# TABLE OF CONTENTS #2

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>START A MEASUREMENT</td>
<td>27</td>
</tr>
<tr>
<td>Measurement steps</td>
<td>27</td>
</tr>
<tr>
<td>Troubleshooting</td>
<td>31</td>
</tr>
<tr>
<td>RESULTS</td>
<td>33</td>
</tr>
<tr>
<td>STATUS REPORT</td>
<td>39</td>
</tr>
<tr>
<td>BACKUP</td>
<td>39</td>
</tr>
<tr>
<td>CLOSING THE PROGRAM</td>
<td>39</td>
</tr>
<tr>
<td>LABELING</td>
<td>40</td>
</tr>
<tr>
<td>Year of Manufacture</td>
<td>40</td>
</tr>
<tr>
<td>Life Cycle of the Hardware</td>
<td>40</td>
</tr>
<tr>
<td>Biocompatibility</td>
<td>40</td>
</tr>
<tr>
<td>Environmental conditions</td>
<td>40</td>
</tr>
<tr>
<td>HARDWARE TECHNICAL SPECIFICATIONS</td>
<td>41</td>
</tr>
<tr>
<td>ELECTRICAL SAFETY</td>
<td>45</td>
</tr>
<tr>
<td>ELECTROMAGNETIC COMPATIBILITY</td>
<td>46</td>
</tr>
<tr>
<td>COMPUTER REQUIREMENTS</td>
<td>48</td>
</tr>
<tr>
<td>SERVICE AFTER SALES</td>
<td>49</td>
</tr>
<tr>
<td>Warranty Conditions</td>
<td>49</td>
</tr>
<tr>
<td>CERTIFICATE GUARANTEE</td>
<td>APP.1</td>
</tr>
<tr>
<td>MANUFACTURER AND SPECIFICATIONS DEVELOPER</td>
<td>APP.2</td>
</tr>
</tbody>
</table>
Wellness Medical Screening (WMS) is a system with data management capabilities, for use with the following devices:

a) oximeter
b) galvanic skin response device.
c) blood pressure device

When used with those hardware, the Wellness Medical Screening uploads the data of the devices, analyzes, and displays the data into a computer for enhanced data management.

WMS is intended for use in clinical settings as an aid for health care professionals to review, analyze and evaluate the historical tests results. WMS data are stored in a backup location on the PC.

The system is intended for use only on adult subjects.

**TM-OXY INTENDED USE**

The TM-Oxy oximeter module is indicated for use in non-invasively measuring and displaying functional oxygen saturation of arterial hemoglobin (SpO2), pulse rate (PR) and photoplethysmography in adult patients.

TM-Oxy performs the photoplethysmography mathematical analysis for:
1) Detecting the heart rate and calculating the heart rate variability at rest and during the cardiac autonomic reflex tests related to autonomic nervous system function, and
2) Calculating markers of arterial tone and endothelial function.

The TM-Oxy device is intended for spot-checking patients.

**SWEATC INTENDED USE**

SweatC device is a medical device for the measurement of galvanic skin response related to the function of the sweat glands. The SweatC provides values. It is the physician’s responsibility to make proper judgments based on these numbers. The device is indicated for use in the general adult population.
THE SWEATC DEVICE COMPRISSES:

USB «Plug&Play» hardware device including interface box, 6 tactile electrodes and cables. The electrodes are placed on the skin directly on contact with the soles of the feet, palm of the hands and left/right forehead. The USB port is used for the protocol communication between hardware/software.

TM-OXI DEVICE COMPRISSES

USB «Plug&Play» oximeter.

BP-88A DEVICE COMPRISSES

Bluetooth hardware device.

SOFTWARE CLASSIFICATION

Wellness Medical Screening Class II
Regulation number:
21 CFR 870 2700: Oximeter
21 CFR 882 1540: Galvanic Skin responses device
Product Codes: DQA, GZO
Europe: EC Mark Class IIA

SOFTWARE CHART FLOW

DATA MANAGEMENT

Upload data CRC algorithms

HRV analysis

Ewing test values

Blood Pressure

LD-Oxy

BP-88A

DATA HISTORY

Conductance values

Sweat C

GENERAL DESCRIPTION

The WMS performs the following tasks:
• In real time, uploads readings of SpO2 %, pulse rate, and waveform from the pulse oximeter
• In real time, uploads readings of galvanic skin response from electrical stimulation via electrodes located on the feet, hands and forehead.
• Data management and assessment of the lifestyle, homeostasis, macro and micro vascular disorders and a scoring system for fast interpretation.
• Data trends and scores are evaluated with the historical record of the uploaded data
• Backup
• Status report

TYPE OF DEVICE

The WMS system manages LD-Oxy, BP-88A and SweatC.
DRIVERS:

The LD-OXY and SWEATC are configured in the «Plug&Play» mode. Device driver installation is performed via setup.exe, however single driver installation can be performed by running dpinst.exe.

Each time the device is connected to the laptop it will appear in the OS’s device manager under «Portable Devices». When the device is disconnected, it will disappear from device manager.

The BP-88A Bluetooth need to be paired only one at the installation.
DISCLAIMERS

The results of the exam must be considered with the clinical context of the patient’s case history, symptoms, known diagnosis, current medications, treatment plan and therapies. Final interpretation of the exam is the sole responsibility of the practitioner.

UNDESIRABLE SIDE EFFECTS

When using the Sweat C, some patients may experience skin irritation or hypersensitivity due to the electrical stimulation of electrical conductive medium.

CONTRAINDICATIONS

GENERAL CONTRAINDICATIONS

The devices should not be used in association with or presence of defibrillators, cardiac pacemakers, patients connected to electronic life support devices, or any implanted electronic device.

SWEATC CONTRAINDICATIONS:
DON’T USE THE DEVICE IN THE FOLLOWING CONDITIONS:

• Placed on a floor made of carpeted material:
  Risk: A carpeted floor will increase the Electrostatic discharge, and could cause the device to short out. A message will appear and the measurement will stop (i.e. troubleshooting).
• Relative humidity < 30%.
  Risk: The low humidity will increase the Electrostatic discharge, and could cause the device to short out. A message will appear and the measurement will stop (i.e. troubleshooting).
• Presence of MRI or MR or CT SCAN.
  Risk: An Electromagnetic environment could short out the device. A message will appear and the measurement will stop (i.e. troubleshooting).
• Dermatological lesions or calluses in contact with the electrodes, or excessive perspiration.
• Metal pins or prostheses on the level of the extremities or the joints.
• This device should not be used on pregnant women.
• An absence of one or more limbs.
BP-88A CONTRAINDICATIONS

- Arterial catheter, arteriovenous fistula or compression bandage.
- Venous pulses can cause erroneous blood pressure readings (eg regurgitation of the tricuspid valve).
- Bilateral mastectomy.
- Venous pulses can cause erroneous blood pressure readings (eg regurgitation of the tricuspid valve).
- Be careful with patients with low perfusion. The use of the blood pressure device can cause erosion of the skin and / or pressure necrosis. of the SpO2 measurement.

TM-OXI CONTRAINDICATIONS

- Dyes introduced into the bloodstream, such as methylene blue, indocyanine green, indigo carmine, and fluorescein.
- Significant levels of dysfunctional hemoglobins, such as carboxyhemoglobin or methemoglobin, will affect the accuracy of the SpO2 measurement.
- For elderly patients or subjects with a weak pulse due to shock, low ambient/body temperature, major bleeding, or use of a vascular contracting drug, the SpO2 waveform will be decreased or absent.
- Fingernail polish or false fingernails may cause inaccurate SpO2 readings.

WARNINGS

- Galvanic skin response and habituation: There is a decrease of GSR amplitude observed after multiple electrical stimulations. It is not recommended to repeat the test before 20 minutes.
- The PC, and/or other devices used and connected to the PC, should be in compliance with Standards IEC950 and/ or UL1950. The labeling EC or UL in a computer will indicate the compliance to these standards.
- The use of a computer not in compliance with its standards could damage the hardware and provoke a breakdown.
- In case of a breakdown never open the hardware and/or try to repair it.
- LD TECHNOLOGY does not guarantee the safety and effectiveness of the device in the event of use with other accessories.
- The SweatC and TM-Oxi hardware are not sterile: Do not autoclave; do not use ethylene oxide sterilization, or immersing the device and the accessories in liquid.
- The carrying case foam liner cannot be disinfected.
- Using a damaged patient cable may cause inaccurate readings, which could possibly result in injury or death. Inspect the patient cable. If the patient cable appears damaged, do not use it and Contact the manufacturer.
- Do not use this device in the presence of flammable anaesthetics. Spark hazards exist which may cause an explosion.
- The device cannot be stored in the carrying case. It should be stored in a clean, dry and disinfected area before use on any patient.
- Before shipping the hardware back to the manufacturer for repairs or calibration, the user must disconnect the cables and electrodes, and disinfect the device and accessories prior to placing them in the return case.
- This device is intended for use by persons trained in professional health care. The operator must be thoroughly familiar with the information in this manual before using the device.
LD Technology provides a CD or USB flash key with a setup program. When you open the CD or USB flash key you will have the following file:

Click on WMS Setup and then follow the indications. The software and drivers will be automatically installed at the end of the process.

**SOFTWARE ACTIVATION & REGISTRATION**

**FIRST TIME SOFTWARE ACTIVATION**

At the end of the setup window opens with the software code number. Click on in order to get your activation Pin code after registration.

**REGISTERING YOUR SOFTWARE**

Your computer must be connected to internet. The window open and you have to fill all the required information. The email and the password your created will allow you to receive the patient reports thought the secure cloud.

Click on and you will receive your Pin code activation in your email box. Enter the Pin code activation in the box and then click on to access to your Wellness Medical Screening.
Starting and becoming familiarized with the Wellness Medical Screening.

Click on the WMS icon on your desktop to access the software. This action will displayed the WMS home screen.

Here you can log into your patient database, create a new patient database, create a password, view your contract, view your license agreement, consult the eManual, and contact the online technical support.
THE TOOL PANEL

On the left side is the tool panel. The panel contains different tools available to the user on every screen. While on the home screen, the three tools you can access are:

**EMANUAL:**
Click on this icon to open the WMS instruction for use.

**SUPPORT:**
Provides access to online technical support during your Wellness Medical screening experience.

**LICENSE AGREEMENT BUTTON:**
Click on the icon to view your current contract with LD Technology.

LOGIN TO DATABASE

The Database Login on the main panel of the home screen contains seven fields and buttons:

**FORGOT YOUR PASSWORD BUTTON:**
If you ever forget the password to one of your databases, this button will allow you to contact technical support and retrieve your password.

**+ CREATE NEW DATABASE BUTTON:**
If you would like to create a new database, click on this button to enter a database name and optional password.

**THE DATABASE LOGIN:**
In the database field, select the patient database you would like to open from the dropdown box.

**PASSWORD:**
Proctect your database with a password.
1. ADD A NEW PATIENT
2. IMPORT A PATIENT (FROM A FILE)
3. PATIENT DATABASE
4. DATABASE MANAGEMENT
5. PATIENT PROFILE
6. PATIENT MANAGEMENT
7. PATIENT VISIT
8. PATIENT VISIT MANAGEMENT
9. VIEW RESULTS
10. START A NEW MEASUREMENT
11. E-MANUAL
12. SETTINGS
13. SUPPORT
14. EXAM COUNT
15. SIGN OUT (CLOSING THE SOFTWARE)
16. HOME (RETURNING TO THE LOGIN PAGE)

Results and patient report buttons can be used only if a patient name and visit have been selected, otherwise the following error message will appear: “Please select a patient and visit.”
THE TOOL PANEL

The Tool Panel now has four new buttons in addition to the ones we previously introduced. These five buttons are as follows:

- **HOME BUTTON:**
  Log you out of the current database and returns you to the home screen.

- **SIGN OUT BUTTON:**
  Log you out to windows.

- **SETTINGS:**
  Clicking on this button will take you to the Settings Dashboard. Please see the Settings Dashboard instructions for further details.

- **EXPORT DATA TO EXCEL:**
  On the Settings Dashboard you can export Patient Measurement information to Excel, which can be done by clicking on the Measurements Performed checkbox and pressing the button. All patient name and measurements date will be exported to Excel.

THE DATABASE PANEL

The Database panel contains all of your patients stored in the current database. Each selected patient’s information and associated visit(s) will appear on the right.

- Double clicking on the name of the patient will give you access to the test result of the patient. Also, click on View Result button does the same.
**THE PATIENT MANAGEMENT PANEL**

**EDIT PATIENT BUTTON:**
The Edit Patient button will allow you to change general patient information. This will open the Patient Data form where you can input changes.

**DELETE PATIENT BUTTON:**
The Delete Patient button will allow you to delete a patient from your database, and will bring up the following prompt:

![Patient Delete Message]

**THE DATABASE MANAGEMENT PANEL**

**DISPLAY NAME BUTTON:**
Displays the patient name.

**A-Z ORDER BUTTON:**
Clicking on the Sort A-Z button will sort your patient database list in alphabetical order.

**LAST VISIT BUTTON:**
Clicking on the Last Visit button will sort your patient database by organizing the patients with the most recent visit at the top of the patient database list.

**HIPAA BUTTON:**
Clicking on the HIPAA button will encrypt your patient database list to comply with HIPAA regulations.
THE VISIT MANAGEMENT TOOLBAX

**VIEW PATIENT REPORT BUTTON**:
The view patient report will open the status report of patient corresponding to the selected visit.

**EDIT VISIT BUTTON**:
The Edit Visit button will edit the currently selected visit. Please refer to adding a visit instructions for further information how the visit information should be entered.

**DELETE VISIT BUTTON**:
The Delete Visit button will delete the currently selected patient visit. However, if only one patient visit existe, this button is inactive. You will have to click on Delete Patient in order clear the patient visit and re-enter patient information on the Patient Data form.

**ADD PHYSICIAN NOTES BUTTON**:
The physician notes form allows you to create notes for current patient. The notes and optional uploaded signature will be reported in the patient report.

![Physician's Notes Form](image)

**NOTE**
Clicking the «Ok» button will save notes.
Clicking the «Cancel» button will dispose of any note added.
ADD A NEW PATIENT MENU:
To add a new patient to your database, complete the patient information. Once clicked on the save button, it will direct you to the visit form.

IMPORT A PATIENT BUTTON:
To add a new patient from another database, click on the icon, a window opens, select the patient name and then click on «Ok».

None of the other fields on this form are mandatory, but may be helpful in patient record keeping.

By clicking on the button, you will be taken to the Visit form for further patient medical examination information. Please see adding a visit instructions for further details.

You will be prompted to enter the patient demographic information. If not entered, or entered incorrectly, you will receive the following error messages:

This error message will appear if you have not entered the first and last name of the patient OR if you have entered a first name, but not a last name or vice versa.

This error message will appear if the date of birth entered is not a possible date of birth (within the same year of current date).

This error message will appear if the age of the patient is not compatible with the indications of use.
On the Settings Dashboard you can ensure the pulse oximeter, galvanic skin response devices are functioning correctly.

To test the pulse oximeter, make sure the OXI checkbox is selected. Press to proceed.

The pulse waveform should appear on your screen in the Pulse Oximeter Wave testing box.

To test the galvanic skin response device, make sure the GSR checkbox is selected. Press to proceed.

The galvanic skin response data should appear on your screen in the GSR Testing box.
OXIMETER DEVICE CALIBRATION

The performance should be checked each year by the distributors of the manufacturer. Simulators are required for oximeter calibration.

The calibration Services are included in the maintenance contract or invoiced if the product does not have an active and/or valid warranty or maintenance contract.

NOTE

The simulators are not provided with the equipment.

For access to calibration, please contact the local distributor.

CHANGING THE DEFAULT UNITS

On the Settings Dashboard you can change the default units used throughout the software interfaces between imperial and metric units by checking the corresponding box in the settings by default panel as follows:

Choosing the A-Z selection will organize the patient database list in alphabetical order. Choosing the Last exam selection will organize the patient database list by order of patients with the most recent examination dates.

CHANGING THE DEFAULT DATABASE LIST ORGANIZATION

You can change the default appearance of the patient database list by switching between code and name as seen in the following panel.

Choosing the code selection will ensure compliance with HIPAA regulations by encoding patient name. Choosing the name selection will display the patient database items by first and last name.

Additionally, you can change the default organization of the patient database list by switching between the A-Z or Last exam selection in the following panel.
On the Settings Dashboard, you can change the status report settings.

The Status Report Management form allows you to change the configuration of printed status reports.

- You can add the Physician’s Name, Address, phone number, Fax, and E-mail in the corresponding fields.
- You can select the type of status reports you would like to print:
  - By selecting.

The different sections (checkmarks). These will change what is included on the PDF document.

**NETWORKS OPTIONS:**

- Server or EMR Network

Select «Use a Network». Check the box and then click on «Network Credentials». This window will open. Fill the requested directory for your server or EMR and then click on «Save».

- Secure cloud access:  

If you are not registered, select «Cloud is not activated». This window will open. Click on create an account and a secure server page will allow you to register in order to receive the report in your tablet, computer or smartphone.
THE HARDWARE AND ACCESSORIES ARE NOT STERILE
DO NOT AUTOCLAVE
DO NOT USE ETHYLENE OXIDE STERILIZATION OR IMMERSING THE DEVICES AND THE ACCESSORIES IN LIQUID.

INSTRUCTIONS TO CARRY OUT PREVENTIVE MAINTENANCE AND MAINTENANCE FREQUENCY

CLEANING / INFECTION CONTROL PROCEDURE.

The oximeter probe, manometer outputs and cables should undergo cleaning and low-level disinfection prior to their first use and between each patient.

Unplug the USB port connection before cleaning or disinfecting.

The instructions for reprocessing the WMS reusable parts in contact with the intact skin of the patient:

- Oximeter probe
- Cuff
- Cables
- Plates


We recommend after testing, the control of residues: Wipes with Ethyl or isopropyl alcohol (70-90%) for cleaning and disinfecting the reusable parts.

Wipes with Ethyl or isopropyl alcohol (70-90%) could be used as well for the reusable parts, electronic box, computer, keyboard and mouse

The carrying case and the foam liner cannot be disinfected.

Do not use Sodium hypochlorite (5.25-6.15% household bleach diluted 1:500).

Do not use caustic or abrasive cleaning agents.

The carrying case cannot be used for storage of the device and accessories

The device and accessories should be stored in any clean area and need to be disinfected prior to being used on the patient.

CLEANING AND DISINFECTION METHODS
PRECAUTIONS

Be aware of Contraindications, Warnings, Cautions and Notes.

- The device and reusable parts must be cleaned/disinfected and then air dried. The procedure must be performed before each patient.

- The exam area should be comfortable and free of drafts and portable electric heaters. The ambient temperature should be between 70-73 degree F (21-23 degree C).

- The measurement is performed with the patient lying down or reclining, the feet should rest in a horizontal position.

- The right index finger should be free of nail polish or false nails.

- To ensure a reliable reading, follow the following instructions:
  Avoid eating, drinking alcohol, smoking, exercising, and bathing 1 hour before taking a measurement. Rest for at least 15 minutes before taking the measurement. Stress raises blood pressure. Avoid taking measurements during times of stress. The measurements should be taken in a quiet place. The patient must remain still and not speak during the measurement.

OXIMETER PLACEMENT

1. The oximeter shall be placed on the right index finger.

2. Do not allow the patient to shake their index finger, and ensure that patient is relaxed and in a stable during the measurement process.

3. The data can be read directly from the screen on the measuring interface.

CUFF PLACEMENT

Position the cuff so that there is a space between the skin and the cuff of a finger. The cuff on the upper arm should be placed so that the artery mark (blue arrow) points toward the elbow.
FEET ELECTRODES:

Place both feet flat & firmly down in the middle of the each foot electrode plate. Ensure that the Red Lead is on the left side and the Black Lead is on the right side. Ensure that the heel of each foot is placed at the back end of the electrode (as shown #1) and that the edges of the feet do not overlap the electrodes at any point (as shown #2). If the feet are bigger than the plates, the results are not affected.

HAND ELECTRODES:

Place both hands flats & firmly down in the middle of the hand electrodes, being certain that the Yellow Lead is on the left side, and the Green Lead is on the right side. Be certain that the palm of both hand are placed at the back end of the electrode (as shown #3) and that the edges of the hands do not overlap the electrode at any point (as shown #4).

FOREHEAD ELECTRODES:

First clean the forehead with alcohol to remove any sweat and/or makeup which may lessen the electrode’s ability to stick firmly when placed. It may be helpful to place the electrode’s lead wire onto the electrode before actually placing the electrode on the forehead. The Red Electrode will be placed on the Left side of the forehead, and the Black Electrode will be placed on the Right side of the forehead. Be certain to align the lower edge of the electrode just above the eyebrow (as shown #5) with the inner edge approximately in the middle of the eyebrow (as shown #6). Be certain that the electrode is not placed over the hairline at the sides of the forehead. This will leave an open space between the two electrodes as shown in the final picture with both electrodes placed properly (as shown with #5 & #6).
1. You can add a new visit by clicking on the «Add a new measurement» tab. (If the patient is already registered in the database)

2. Once clicked, this tab will direct you to the Visit form.
Several error messages may appear if patient information is entered incorrectly:

This error message will appear if the height is not entered correctly (both in feet and in inches, or only in centimeters depending on which option has been selected).

The software will automatically convert between feet and inches to centimeters depending on which option is selected.

This error message will appear if no activity level has been selected.

This error message will appear if no weight or an incorrect weight (<20 lbs ~ 9 Kg) has been entered. In order to select symptoms/conditions, diseases, or treatments, the corresponding Reason for Visit checkboxes must be indicated.

This error message will appear if the Symptom evaluation checkbox is selected, but no specific symptoms/conditions have been selected.

This error message will appear if the Disease evaluation checkbox is selected, but no specific diseases have been selected.

This error message will appear if the Treatment follow up checkbox is selected, but no specific treatments have been selected.

By clicking on the button, you will be taken to the «Patient Setup Steps» window. Please refer to the performing a measurement instructions for further details.

After you have added a visit (please reference adding a visit instructions for details), you can perform the patient measurement.
START A MEASUREMENT

MEASUREMENT STEPS

THE FIRST SCREEN YOU WILL BE TAKEN TO IS THE PATIENT SETUP.

CHECKING DEVICES

Click CONTINUE to proceed the checking of the hardware.

NOTE Before you start, be sure to click on the white button on the oximeter and Blood Pressure device.

CALIBRATION

Before you start, be sure to click on the white button on the oximeter and Blood Pressure device.
During the checking, SpO2%, pulse rate, photoplethysmography will be displayed and updated regularly.

If any device or cables are not properly connected, one box will be OFF; error message will be displayed and the test will not start.
If all the devices or cables are «OK», the test will start automatically.

During the baseline recording, in the section PTG Records, the digital arterial wave and heart rate detection rst derivative will be displayed.

- In the section identified as GRS Records, the voltage response at the right and left feet will be displayed.

- At any time during the baseline recording, you can click on CANCEL to be returned to the Database patient page.

- Also, at any time during the baseline recording, you can restart this section by clicking on RESTART.
DEEP BREATHING RECORDING

- Once the Valsalva recording is completed or skipped, the measurement will progress to the Deep breathing recording.
- At the start of the Deep breathing recording, instructions will be shown on the screen to guide the patient and technician with vital information to properly complete the test.

DEEP BREATHING 30 SECONDS

Instruct subject to inhale for 5 seconds and exhale for 5 seconds. Patient should breathe continuously and regularly. After the third expiration, click on [START]. Care should be taken not to hyperventilate.

The technician should click on [START] when the patient is ready to begin the Deep Breathing exercises.

- During the Deep Breathing recording, heart rate, SpO2%, and digital arterial wave will be displayed.
- At any time during the Deep Breathing recording, you can click on [STOP]. The Cardiac Autonomic reflex test will be cancelled if you confirm the cancel message. The software will display the saved results. Also, at any time during the Deep Breathing recording, you can restart by clicking on [RESTART].
K30/15 (POSTURAL CHANGE OR STAND UP) RECORDING

Once the Deep Breathing recording is completed, the measurement will progress to the K30/15 recording.

- At the start of the K30/15 recording, instructions will be shown on the screen to guide the patient and technician with vital information to complete the test.

**STAND UP**

Be sure to keep your right index finger into the oximeter and then click on **START**

- The technician should click on **START** immediately after the patient progressively stands up (first sit and then stand up).

![Image of Stand Up Test]

- During the Stand Up recording, the heart rate, SPO2% and digital arterial wave will be displayed.
- At any time during the standup recording, you can click on **STOP** to be returned to the saved results.
- Also, at any time during the K30/15 recording, you can restart by clicking on **RESTART**

At the end of this recording, the results data will be computed and displayed on the **Patient Results**. Please see viewing patient results instructions for further details.
MEASUREMENT ERROR MESSAGES

At any time during these recordings, several recording error messages can occur:

- This message will appear if the oximeter is not transmitting data correctly, if any oximeter contraindications are present, or if the patient has extremely low peripheral arterial blood levels. Please check the oximeter connections, and ensure that the patient has their index finger in the oximeter and no contraindications are present.

- This message will appear if the oximeter is not correctly connected or if the patient does not have their index finger correctly inserted into the oximeter. Correcting the issue and clicking on OK will allow the measurement to progress.

- This message will appear if the oximeter menu has been changed. Please refer page 10 of the present manual to correct the issue.

TROUBLESHOOTING

GENERAL TROUBLESHOOTING

ERROR MESSAGES DURING THE MEASUREMENT:

**SOLUTION:**

- The SweatC is not connected to the USB port of the PC. Connect it.

- The SweatC Drivers are not installed. Go in Control Panel=> Ports (COM &LP) and check if the drivers Master Media ESG USB device are installed. If no, you have to install the drivers.

- If the problem is not solved, unplug the USB cable of the SweatC box and plug again.
MESSAGE 2

SOLUTION:
- The Oximeter is not connected to the USB port of the PC. Connect it.
- The Oximeter Drivers are not installed. Go in Control Panel=> Ports (COM & LP) and check if the drivers CP210x_VCP_Win_XP_S2K3 are installed. If no, you have to install the drivers.

MESSAGE 3

The feet electrodes are not connected.

SOLUTION:
- The cable(s) is not connected to the box.
- The disposable electrode is not in contact with the skin.

MESSAGE 4

Out of the range of performance.

SOLUTION:
- If the patient’s weight or height is outside the range of possibilities, then the software will display an error message.
- If the patient’s age is under 20 years old, the software will display an error message.
The results open automatically after the exam.

The results are displayed in 4 fixed windows:

- Lifestyle window
- Homeostasis window
- Macro vascular windows
- Window of the autonomic nervous system (SNA)

One floating window:

- Markers overview

The fixed windows have 4 sections:

- Scoring overview
- Markers
- Modeling
- Body Composition

The sections of the scoring overview and modeling are the same in the 5 fixed windows. When you click on the score box, the Markers, comments and graphics sections change according to the selection.

SECTION 1: Scoring system

The software calculated the Lifestyle, homeostasis, macrovascular and Autonomic nervous system (ANS) scores according to the value of the markers. For each marker the normal range is scored as 2, borderline at 1 and abnormal at 0.

Then, those scores are displayed in the scale (in %) from 0 to 25 with a color code corresponding to «Normal» (> 20), «Borderline» (<=20 and > 15) «Abnormal» (<15 and >10) and poor (<=10).

The cardiometabolic score is displayed in the scale (in %) from 0 to 100. It is displayed with a color code corresponding to: «Good», «Acceptable», «Borderline», «Poor» or «Very poor».

The cardiometabolic score is the sum of the 4 scores described above.
TRENDS

By clicking on «TRENDS» in the cardiometabolic score section, a window opens with trends of the cardiometabolic score.
By clicking on «TRENDS» in the bottom page, a window will open with the trends of the Lifestyle, homeostasis, macrovascular and Autonomic nervous system (ANS) scores.

SECTION 2 : Markers

By default, the lifestyle markers will be displayed.
Each marker is displayed with a color code corresponding to «Normal», «Borderline» or «Abnormal» according to the value of the ranges displayed between the color lines.
LIFESTYLE MARKERS

By clicking on «GRAPHICS» a window opens with the HRV graphic.

By clicking on «COMMENTS», the comments are displayed according to the borderline or abnormal markers.
HOMEOSTASIS SCORE

By clicking on «HOMEOSTASIS SCORE», the window opens with homeostatic markers.

By clicking on «PTG TYPES» a window opens with the PTG types and PTG graph of the patient opens.

By clicking on «COMMENTS», the comments are displayed according to the borderline or abnormal markers.
MACROVASCULAR SCORE

By clicking on «MACROVASCULAR SCORE», the window opens with macrovascular markers.

By clicking on «GRAPHICS» a window opens with the photoplethysmography graphs.

By clicking on «COMMENTS», the comments are displayed according to the borderline or abnormal markers.
By clicking on «**MICROVASCULAR SCORE**», the window opens with microvascular markers.

By clicking on «**GRAPHICS**» above the sudomotor markers a window opens with the Galvanic skin response graphs.

By clicking on «v» above the cardiac axon reflex tests markers a window opens with the CARTs graphs.

By clicking on «**COMMENTS**», the comments are displayed according to the borderline or abnormal markers.
The modeling reflects the ANS balance at different organs. Click on each organ in order to open a window with comments. Each organ is displayed with a color code corresponding to «Normal», «Borderline» or «Abnormal».

The body composition displayed the repartition of 3 compartments of the body:
- Fat Mass
- Dry lean mass
- Total body water
They are displayed in weight and percent of the total weight. Each compartment is displayed with a color code corresponding to «Normal», «Borderline» or «Abnormal». The sum in weight of the 3 compartments are equal to the Total Weight.

MAKERS OVERVIEW

By clicking on «MAKERS OVERVIEW», the window opens with a summary of the main markers and trends.
STATUS REPORT

Click on the icon

The displayed report is a pdf file that you can print for your patient.

Select «Send to the cloud» if you wish to receive the report to your secure cloud. Please, use your e-mail and the password you created for the registration of the software to access to the cloud.

The status report interpretation is the responsibility of the practitioner and must be signed by the practitioner.

BACKUP

The Backup is named **Wellness_Admin** in the C/Drive, and the name of the patient is coded. It is recommended to save the backup in flash key regularly.

**BACK UP AND INSTALLATION ON A NEW LAPTOP:**

Process to transfer your database:

Copy the backup **Wellness_Admin** and paste in the C/Drive of the new laptop, and then select the database name.

CLOSING THE PROGRAM

By clicking on the icon 

You are returned to Windows.
**YEAR OF MANUFACTURE**

This year of manufacture is the four first numbers of the serial number or code bar stick on the bottom of the devices.

**LIFE CYCLE OF THE HARDWARE**

Oximeter and cables a normal lifecycle of three years. SweatC and TM-Oxy boxes have a normal lifecycle of five years.

**BIOCOMPATIBILITY**

All accessories in contact with the skin are ISO 10993-1.

**ENVIRONMENTAL CONDITIONS**

a) Temperature: -40°C ~ +60°C  
b) Relative humidity: 5% ~ 95%  
c) Atmospheric pressure: 500hPa ~ 1060hPa

**OPERATING ENVIRONMENT**

a) Temperature: 10°C ~ 40°C  
b) Relative Humidity: 30% ~ 75%  
c) Atmospheric pressure: 700hPa ~ 1060hPa  
d) Operating altitude -500 ~ 4600 meter

---

<table>
<thead>
<tr>
<th>Manufacturer’s name and address</th>
<th>European authorized agent</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC ERP</td>
<td>Serial number of the device</td>
</tr>
<tr>
<td>SN</td>
<td>This symbol signifies double insulation (Class of insulation II).</td>
</tr>
<tr>
<td>☐</td>
<td>Type BF</td>
</tr>
<tr>
<td>5V -- --</td>
<td>Assigned Voltage: 5V D.C Maximal intensity: 500 mA</td>
</tr>
<tr>
<td>☒</td>
<td>Warning! Please follow the guidance and instructions of the manufacturer</td>
</tr>
<tr>
<td>☣</td>
<td>No disposable product WEEE and 2002/95/It-RoHS. Please contact Manufacturer to recycle your TM-Flow system. Do not discard.</td>
</tr>
</tbody>
</table>

**REUSABLE CABLE, OXIMETER PROBE, MANOMETER OUTPUT AND BP CUFFS**

In compliance with the European Directive on Waste Electrical and electronic Equipment (WEEE) 2002/96/EC. Do not dispose of this product as unsorted municipal waste.

This device contains WEEE materials; Please contact your distributor regarding returning or recycling of the device. If you unsure how to reach your distributor, please call LD TECHNOLOGY (USA) +1 305-379-9900
### SWEATC HARDWARE

<table>
<thead>
<tr>
<th>General functions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring principle</td>
<td>Respuesta galvánica de la piel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measuring mode and item</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring sequence</td>
<td>Controlled by software icon “start”</td>
</tr>
<tr>
<td>Stopping the measurement</td>
<td>Controlled by software icon “cancel”</td>
</tr>
<tr>
<td>Measuring items</td>
<td>Voltage, Intensity and Conductance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measuring Range</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>Maximum 1.28 V</td>
</tr>
<tr>
<td>Intensity</td>
<td>Maximum 200 mA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measuring Accuracy</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The max mean deviation</td>
<td>± 3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply voltage</td>
<td>5V via USB port</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disposable foot electrodes Ref. PG474W</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Conductive cloth electrodes. Size: 44 cm²</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cable</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Material and color code</td>
<td>2 m long armored insulated cable. Color-coded for ease of use. Red one on the left foot plate and Black one on the right foot plate.</td>
</tr>
</tbody>
</table>

Disposable foot electrodes are labelled with a lot number according to the year and week of manufacture.

**NOTE** These specifications are subject to change without notice.
### Information | Display mode
--- | ---
The pulse Oxygen Saturation (%SpO₂) | 2-digital OLED display
Pulse Rate (bpm) | 3-digital OLED display
Pulse Intensity | Bar-graph OLED display

### SpO₂ Parameter Specification

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring Range</td>
<td>0% ~ 100%, (the resolution is 1%)</td>
</tr>
<tr>
<td>Accuracy</td>
<td>70% ~ 100% ± 2%, Below 70% unspecified.</td>
</tr>
<tr>
<td>Average value</td>
<td>Calculate the Average value of every 4 measured values. The deviation between average value and true value does not exceed 1%.</td>
</tr>
</tbody>
</table>

### Pulse Parameter Specification

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>30bpm ~ 250bpm, (the resolution is 1bpm)</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± 2bpm during the pulse rate range of 30 ~ 99bpm and 2% during pulse rate range of 100 ~ 250bpm</td>
</tr>
<tr>
<td>Average pulse rate</td>
<td>Moving calculation in the Average pulse rate every 4 Cardio-beat cycle. The deviation between average value and true value does not exceed 1%.</td>
</tr>
</tbody>
</table>

### Safety Type

- BF Type

### Measuring mode

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start and stop</td>
<td>Start: Controlled from the device. Stop: The device stops after 5 seconds by removing the finger. Measuring time: Controlled by the software. Real time recordings on the software.</td>
</tr>
</tbody>
</table>

Voltage 3.7 rechargable lithium battery charges when connected to the USB port of the PC.
### Output of the Battery in charge

<table>
<thead>
<tr>
<th>Output current</th>
<th>350 mA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output power</td>
<td>1.25 W</td>
</tr>
</tbody>
</table>

### Oximeter light

<table>
<thead>
<tr>
<th>Light Type</th>
<th>Wavelength &amp; Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red light</td>
<td>Wavelength is 660 nm, 6.65 mW</td>
</tr>
<tr>
<td>Infrared</td>
<td>Wavelength is 880 nm, 6.75 mW</td>
</tr>
</tbody>
</table>

### Dimensions and Weight

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>Length: 55 mm, Width: 32 mm, Height: 30 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Wavelength is 880 nm, 6.75 mW</td>
</tr>
</tbody>
</table>

**NOTE**: These specifications are subject to change without notice.
ELECTRICAL SAFETY

The systems, which are connected to a computer, constitutes a programmable electro-medical system (PEMS). It is necessary for the computer to be placed away from the patient (i.e. EMC manufacturer guidance).

The PC, and other devices connected to the PC, should be in compliance with Standards IEC950 and/ or UL1950.

The EC or UL labeling on a computer will indicate compliance with these standards.

Risk: The use of a computer not in compliance with these standards could damage the hardware and provoke a system malfunction.

The TM-Oxy and SweatC are powered by the USB port of the PC.

ACCESSORIES SAFETY:

Only the ACCESSORIES as specified by the manufacturer should be used to assure protection for the patient (i.e. System Components of the Instructions for Use).

The manufacturer does not guarantee reliable results or device safety if the device is used with accessories not shown in this document.

In case of device malfunction, do not open the hardware and/or attempt to repair the device.

TM-FLOW SOFTWARE TECHNICAL SPECIFICATIONS

• Hardware platform: Laptop or PC based workstation (Intel architecture)
• Operating system: Windows 7/8/10
• Use of Off-the-Shelf software: Windows 7/8/10 and PDF
• Language: C#
• Microsoft Visual C# compiler requirements: 2 GB free space
• Program size requirements 27Mb
The equipment should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the device should be observed carefully to verify normal operation.

The equipment must be installed and brought into operation in accordance with EMC recommendatons. System interference can be caused by close proximity of other equipment during radiofrequency communicator.

### GUIDANCE AND MANUFACTURER’S DECLARATION - ELECTROMAGNETIC EMISSION

The (equipment or system) is intended for use in the electromagnetic environment specified below. The customer or the user of the (equipment or system) should assure that it is used in such environment.

<table>
<thead>
<tr>
<th>Emissions</th>
<th>Compliance</th>
<th>Electronic environment - guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF emissions</td>
<td>GROUP 1</td>
<td>The (equipment or system) uses RF energy only for its internal function. Therefore, its RF emissions are very low and are unlikely to cause any interference in nearby electronic equipment.</td>
</tr>
<tr>
<td>CISPR11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RF emissions</td>
<td>Class A</td>
<td>The (equipment or system) is suitable for use in all establishments other than domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.</td>
</tr>
<tr>
<td>CISPR11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harmonics emissions</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td>IEC 61000-3-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage fluctuations/</td>
<td>PASS</td>
<td></td>
</tr>
<tr>
<td>flicker emissions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IEC 61000-3-2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### GUIDANCE AND MANUFACTURER’S DECLARATION - ELECTROMAGNETIC IMMUNITY

The (equipment or system) is intended for use in the electromagnetic environment specified below. The customer or the user of the (equipment or system) should assure that it is used in such environment.

<table>
<thead>
<tr>
<th>Immunity test</th>
<th>IEC 60601 level</th>
<th>Compliance level</th>
<th>Electronic environment - guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrostatic discharge (ESD)</td>
<td>± 6 kV contact ± 8 kV air</td>
<td>± 6 kV contact ± 8 kV air</td>
<td>Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%</td>
</tr>
<tr>
<td>IEC 61000-4-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical fast transient/burst</td>
<td>± 2 kV for power supply lines ± 1 kV for signal lines</td>
<td>± 2 kV for power supply lines</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>IEC 61000-4-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surge</td>
<td>± 2 kV common mode ± 1 kV differential mode</td>
<td>± 2 kV common mode</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>Immunity test</td>
<td>IEC 60601 level</td>
<td>Compliance level</td>
<td>Electronic environment - guidance</td>
</tr>
<tr>
<td>------------------------------------------------------------------------------</td>
<td>----------------</td>
<td>------------------</td>
<td>---------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Voltage dips, short interruptions and voltage variations on power supply input lines</td>
<td>&lt;5 % UT (&gt;95 % dip in UT) for 0,5 cycle</td>
<td>&lt;5 % UT (&gt;95 % dip in UT) for 0,5 cycle</td>
<td>Mains power quality should be that of a typical commercial or hospital environment. If the user of the (equipment or system) requires continued operation during power mains interruptions, it is recommended that the (equipment or system) be powered from an uninterruptible power supply or a battery.</td>
</tr>
<tr>
<td>IEC 61000-4-11</td>
<td>40 % UT (60 % dip in UT) for 5 cycle</td>
<td>40 % UT (60 % dip in UT) for 5 cycle</td>
<td></td>
</tr>
<tr>
<td></td>
<td>70 % UT (30 % dip in UT) for 25 cycle</td>
<td>70 % UT (30 % dip in UT) for 25 cycle</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt;5 % UT (&gt;95 % dip in UT) for 5 sec</td>
<td>&lt;5 % UT (&gt;95 % dip in UT) for 5 sec</td>
<td></td>
</tr>
<tr>
<td>Power frequency (50/60 Hz) magnetic field IEC 61000-4-8</td>
<td>3 A/m</td>
<td>3 A/m</td>
<td>Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>Radiated RF IEC 61000-4-3</td>
<td>3 Vrms 80 MHz to 2500 MHz</td>
<td>3 Vrms 80 MHz to 2500 MHz</td>
<td>Portable and mobile RF communications equipment should be used no closer to any part of the (equipment or system), including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</td>
</tr>
<tr>
<td>Conducted RF IEC 61000-4-5</td>
<td>3 Vrms 150 kHz to 80 MHz</td>
<td>3 Vrms 150 kHz to 80 MHz</td>
<td>Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from the fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol:</td>
</tr>
</tbody>
</table>

**NOTE 1** At 80 MHz and 800 MHz, the higher frequency range applies.

**NOTE 2** These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

---

*a* Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to strength in the location in which the (equipment or system) is used exceeds the applicable RF compliance level above, the (equipment or system) should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the (equipment or system).
## COMPUTER REQUIREMENTS

<table>
<thead>
<tr>
<th>Windows</th>
<th>Windows 7/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laptop or desktop</td>
<td>IEC950 and/or UL1950</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel</td>
</tr>
<tr>
<td>RAM</td>
<td>512 Mb or higher</td>
</tr>
<tr>
<td>Hard disc</td>
<td>10 Gb or higher</td>
</tr>
<tr>
<td>Graphics card</td>
<td>Minimum graphics memory 128Kb</td>
</tr>
<tr>
<td>Screen Size</td>
<td>Any</td>
</tr>
<tr>
<td>Screen Resolution</td>
<td>1920 X 1020</td>
</tr>
<tr>
<td>Off-the-Shelf software</td>
<td>Software for reading and writing PDF documents, Antivirus (optional but recommended if internet connection)</td>
</tr>
<tr>
<td>Connections</td>
<td>2 USB Ports</td>
</tr>
<tr>
<td>Interfaces</td>
<td>Keyboard, mouse, monitor, printer (required), CD or DVD-ROM (recommended)</td>
</tr>
</tbody>
</table>
Clicking on the information icon opens a window with the website address: www.ldteck.com, where help and technical support service is available. Technical support is open Monday to Friday from 9am to 5pm (EST).
All technical support activity requires that you have a working internet connection, and that you use TeamViewer technology for remote system access and/or online training. To access this service, connect to www.ldteck.com

Then run the program LDQuick.exe and send your ID to the technical support email. Do not close the window with your ID. Important: Wait at your laptop until the technical support team contacts you on the screen. The system is fully guaranteed for one year. After sale support services are included with your purchase at no additional cost for the first year.

SCREENING

WARRANTY CONDITIONS

THE GUARANTEE INCLUDES:

• Access to technical support online or by phone from 9am to 5pm from Monday to Friday, Eastern Time USA.
• Software updates for said year.
• Free training to be arranged between CUSTOMER and approved distributors of the MANUFACTURER.

After the first year, a maintenance contract is offered by LD Technology or their distributors giving clients the opportunity to extend their warranty for one additional year.

The extended warranty is included during the lifecycle of each part of the system:
• Software updates
• Technical support

EXCLUSION OF WARRANTY:

The use of a computer not in compliance with the standards IES or UL 950.

In case of customer refusal to purchase an extended warranty during the product lifecycle, each above item will be quoted and invoiced separately.
CERTIFICATE OF GUARANTEE

WMS SYSTEM

CUSTOMER NAME :

CUSTOMER ADDRESS :

CUSTOMER EMAIL :

CUSTOMER PHONE :

SERIAL NUMBER :

DELIVERY DATE :

Please fill this form and send it to lucia.ldteck@gmail.com or contact@gmail.com for warranty registration.
FDA OWNER/OPERATOR NUMBER: 9097859

FDA ESTABLISHMENT REGISTRATION NUMBER: 3006146787

REF/ WELLNESS MEDICAL SCREENING IFU VERSION 1 11/01/2017