



**AIRTECH
OLED/LCD LAMINATING SYSTEM
IOT BASED
ST0098767**

OPERATING USER MANUAL



CAUTION

THIS SYSTEM IS TO BE USED ONLY BY A TRAINED
SCREENTECH AUTHORIZED PERSONAL



This symbol indicates that dangerous Voltage which can cause electric shock is present inside the unit



This symbol alerts you to important Operating and maintenance instructions accompanying the unit

WARNING

To reduce the risk of electric shock, do not expose this machine to rain or moisture

CAUTION

To reduce risk of Laser radiation exposure do not open the machine lid during its operation



This symbol alerts you that this machine may crush your hands if not used correctly.



CE marking is an administrative marking that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area (EEA)



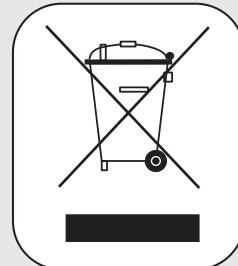
FDA defines a radiation-emitting electronic product as any electrically-powered product that can emit any form of radiation on the electromagnetic spectrum.

— EUROPE ONLY —

This marking shown on the product or its literature, indicates that it should not be disposed with other commercial wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Commercial users should contact their distributor where they purchased this product from for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract.

This product should not be mixed with other commercial wastes for disposal.



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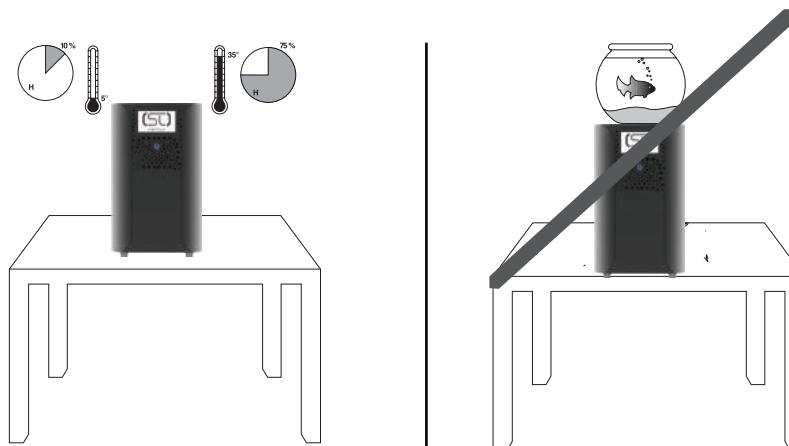
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11.**Technical Specification**

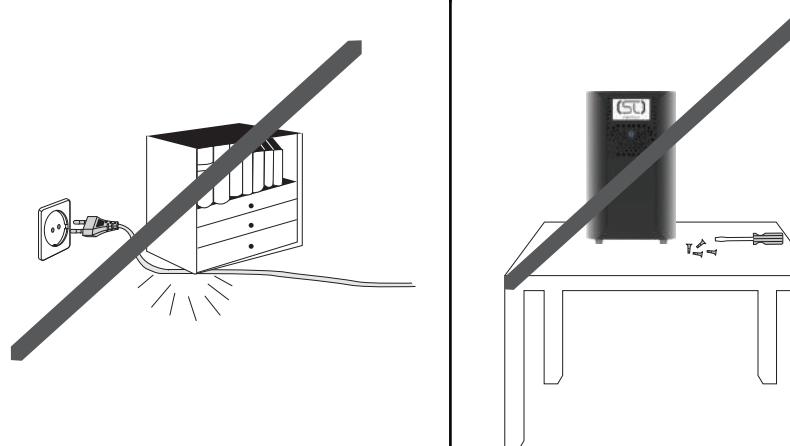
Customer Care.....PAGE 31

Ambient operating conditions:
Ambient temperature - 5°C-35°C
Humidity - 10-75%



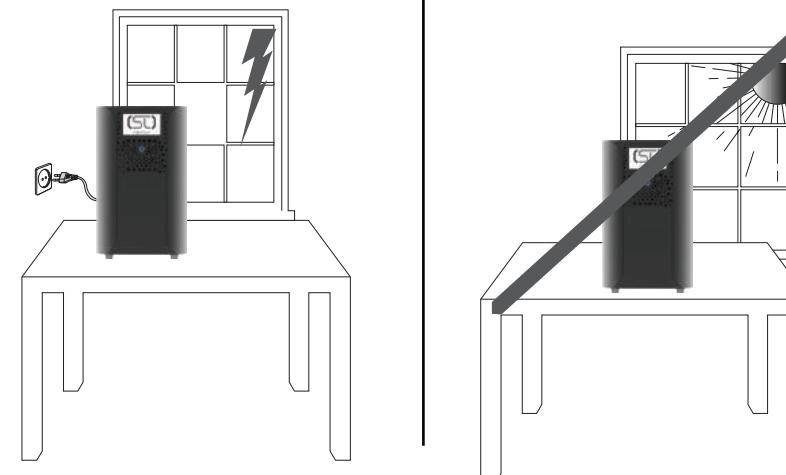
Do not place potted plants or Vases on top of the machine. Moisture entering the unit could lead to dangerous electric shock and can cause equipment damage. in such event immediately disconnect the main plug from the socket

Do not place heavy items on the main lead. Main cable damage can lead to damage of the equipment (fire hazard) and can cause electric shock



Do not remove any equipment panels. The inside of the unit contains sensitive components that may malfunction if interfered with.

During thunderstorms, disconnect the main plug from the socket. Main voltage peaks due to lightning could damage the unit.



Do not expose the machine to direct sun radiation or other heat sources. This could lead to overheating and malfunction the Machine

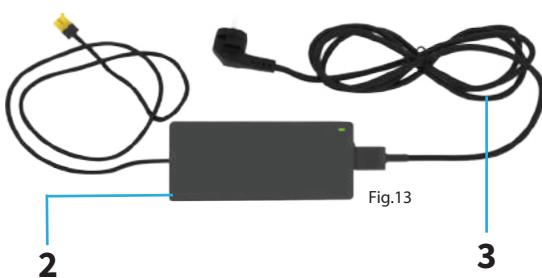
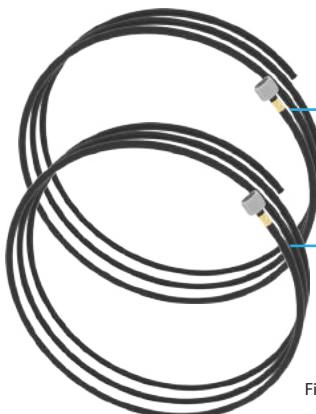
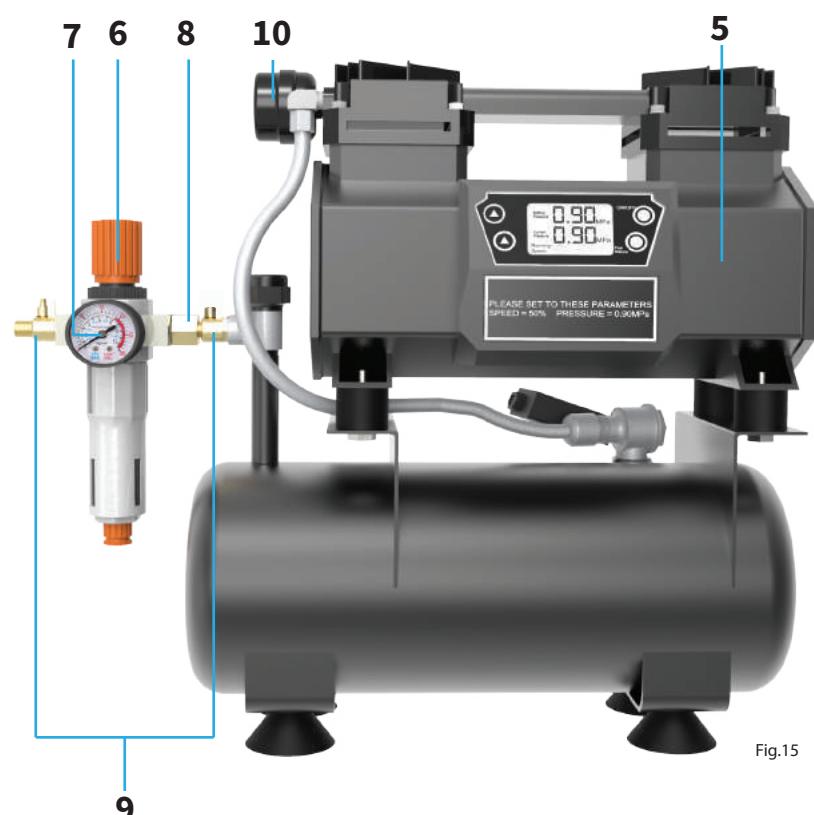
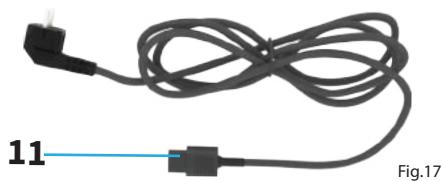
**1**1. AirTech **2****3**2. C14 Power Cable Plug
3. Power Adapter **4**4. 2 x PVC air Pipe Tubing 5. Compressor 6. Air Filter 7. Pressure Gauge 8. 1/4" to 1/8" Fitting 9. 2 x Open/Close Valve 10. Muffler filter 

Fig.15



10. Vacuum Pump



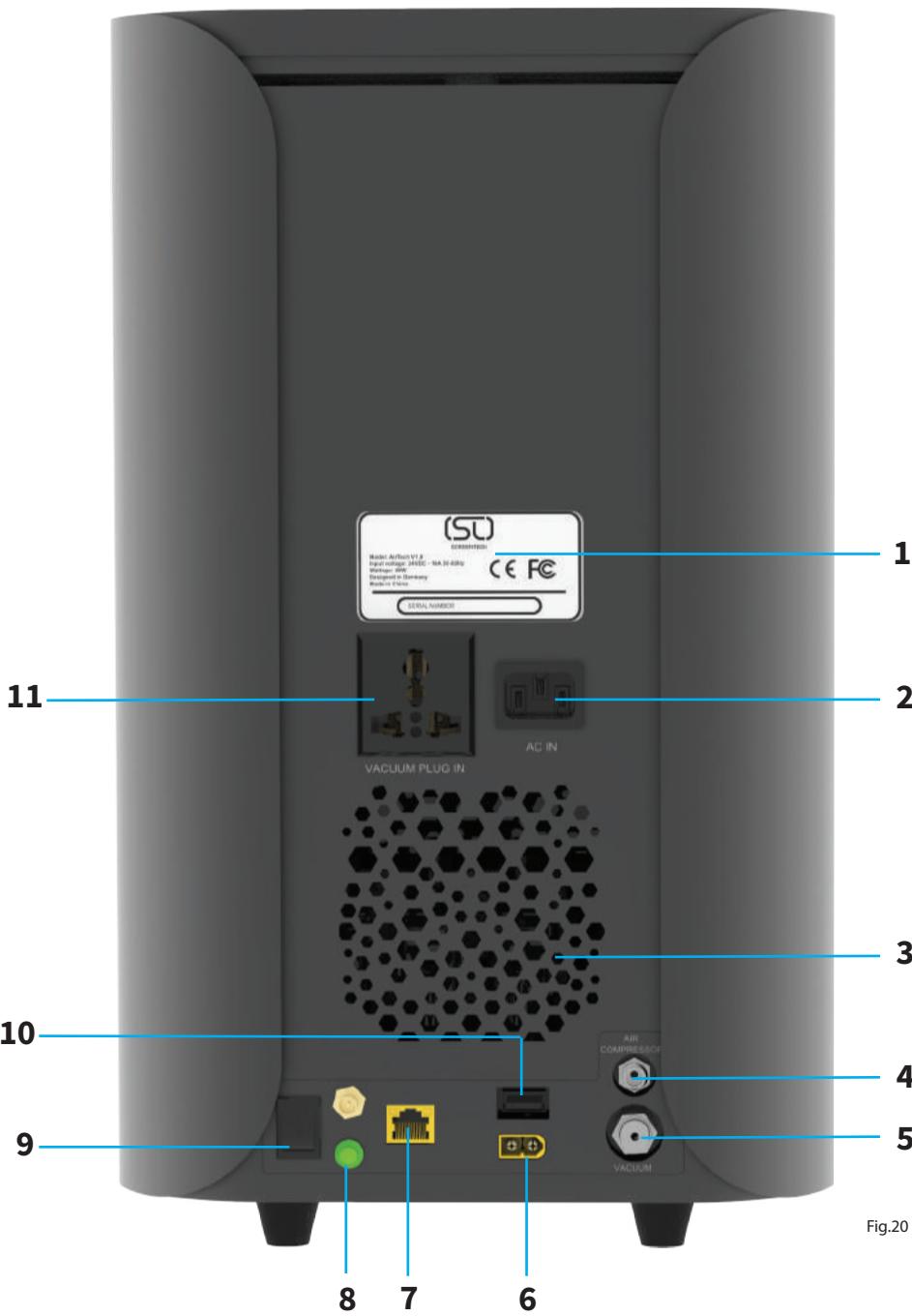
11. C14 Power Cable Plug



12. Vacuum Pump Oil



- 1. LID**
- 2. Chamber plate**
- 3. LCD touch screen display**
- 4. User interface button**
Press to Open and close lid
Press to accept settings
- 5. Chamber O-ring**
- 6. Chamber**
- 7. Airbag vacuum port O-ring**



1. Identification machine tag
2. AC 110-220VAC power IN from mains
3. Air ventilation exhaust grill
4. Air Compressor input. Air PVC pipe from compressor to be connected to this port
5. Vacuum input line. Air PVC pipe from Vacuum pump to be fastened to this port
6. 24V DC power inlet port from power supply
7. Lan connection point for IOT connection. This port allows the AirTech to be connected the in the Internet and controlled via the ScreenTech Platform
8. WPS enable button.
9. AirTech power toggle switch
10. USB interface connection port
11. Vacuum pump plug connection plug. Vacuum pump to be directly connected to the plug point



Fig.21

1. LID Magnetic sensor
2. Safety LID perimeter switch bracket
3. Latex Airbag

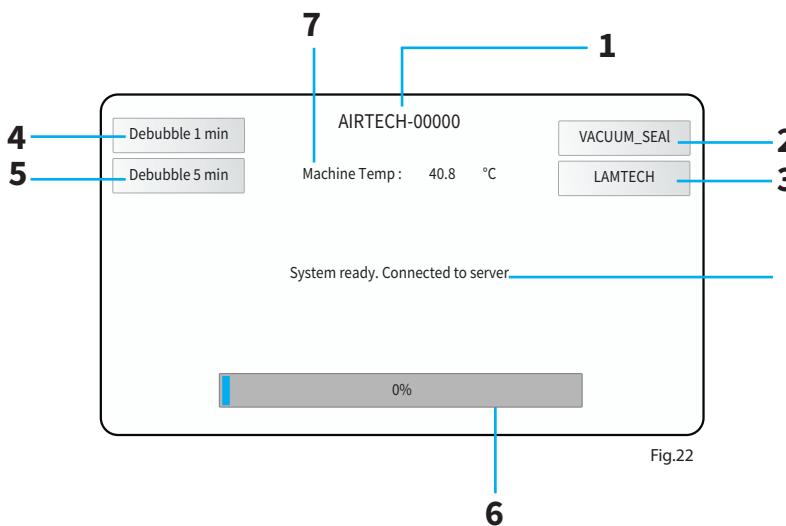
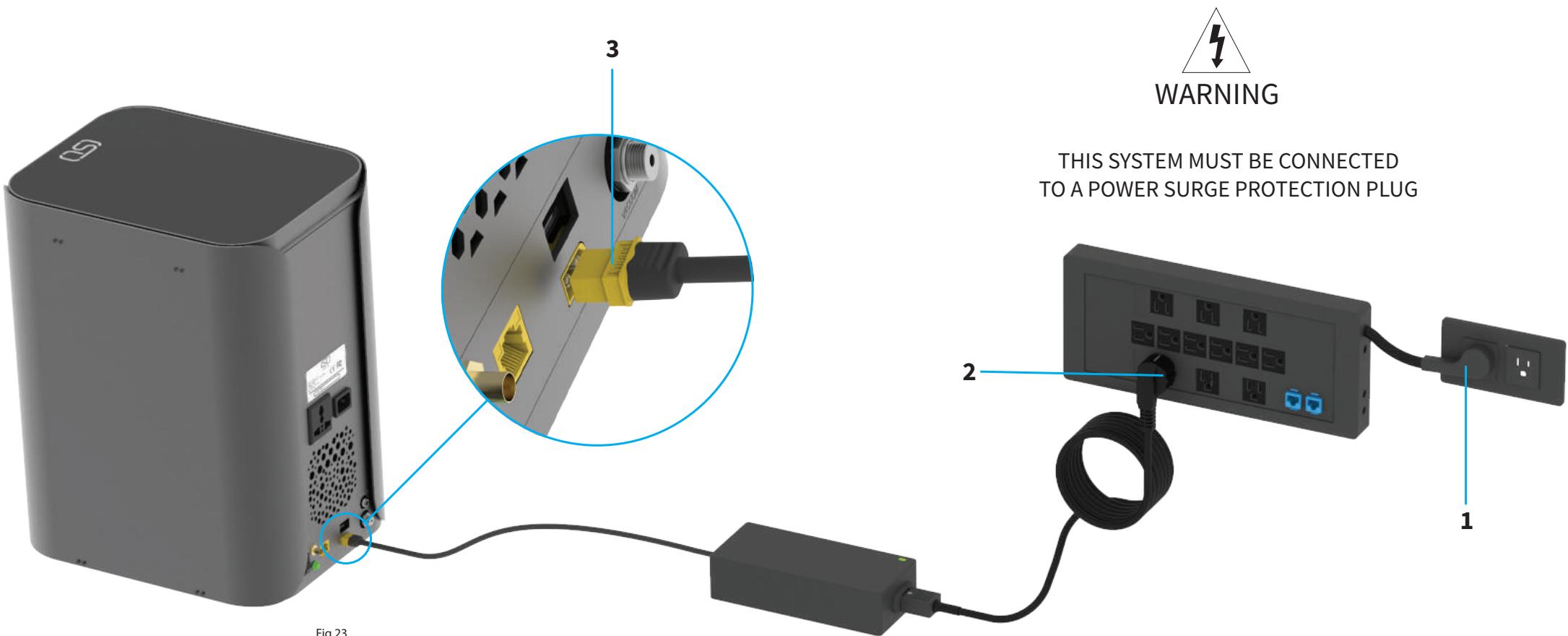


Fig.22

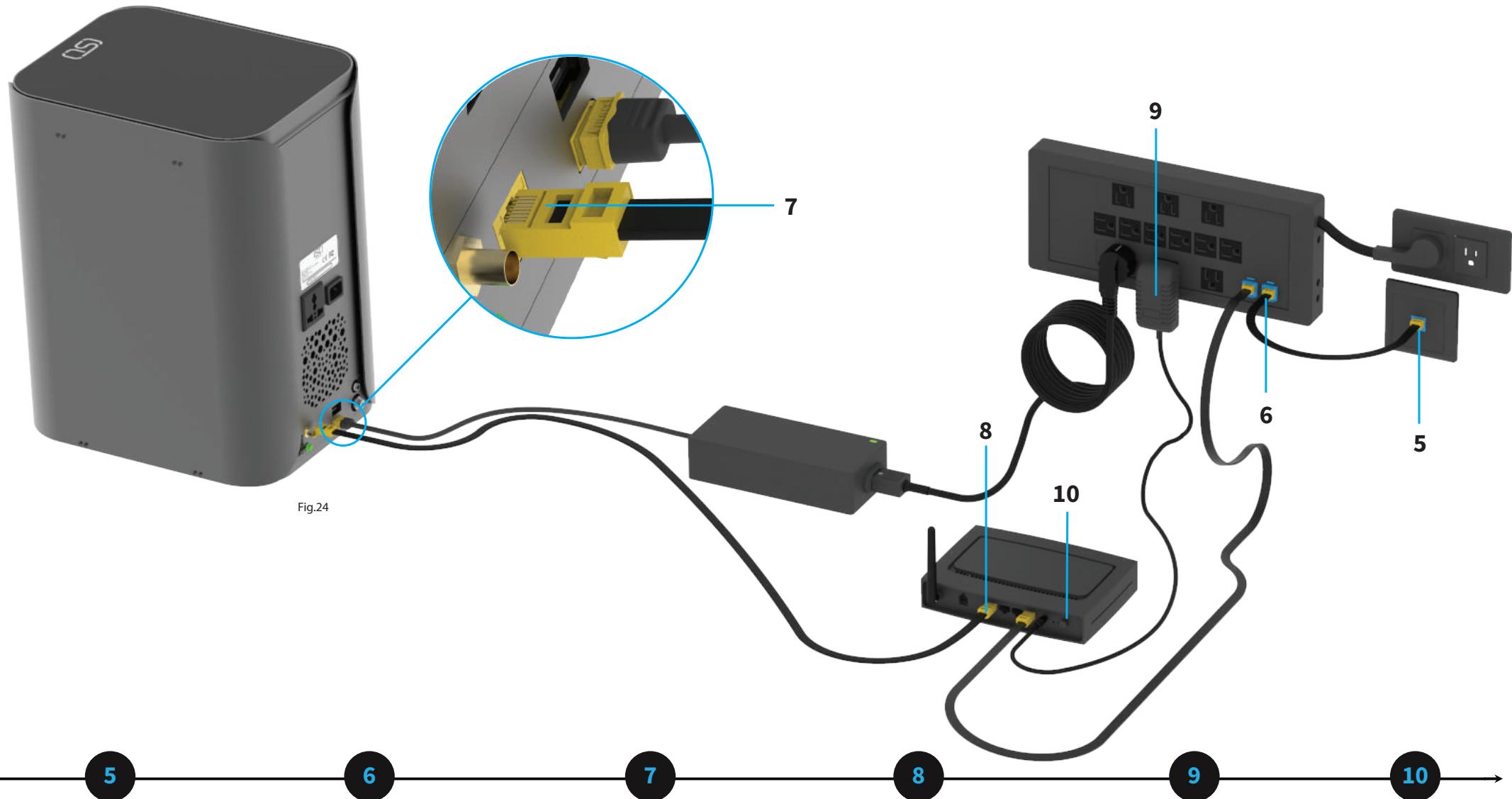
1. Machine ID and Serial number
2. Vacuum seal option. Only used when LID is in open position
3. LamTech Option selection. Only used when LID is in open position
4. Debubble 1 minute selection. Only active when LID is in closed position and IOT active
5. Debubble 5 minute selection. Only active when LID is in closed position and IOT active
6. Machine Percentage display bar. Active when a process is running
7. Machine chamber temperature read out



STEP **1**
Connect the power cable
to the wall socket

2
Plug the C13 socket into the
power surge protection plug
point

3
Insert the DC jack into the AirTech
power inlet



5
Connect the LAN cable into the ethernet wall socket port from the ISP

6
Connect the LAN cable to the surge protector

7
Connect the LAN cable into the ethernet port of the AirTech

8
From the AirTech LAN connect to the modem directly

9
Plug in the Switching power supply to the Surge Protector

10
Power on the modem

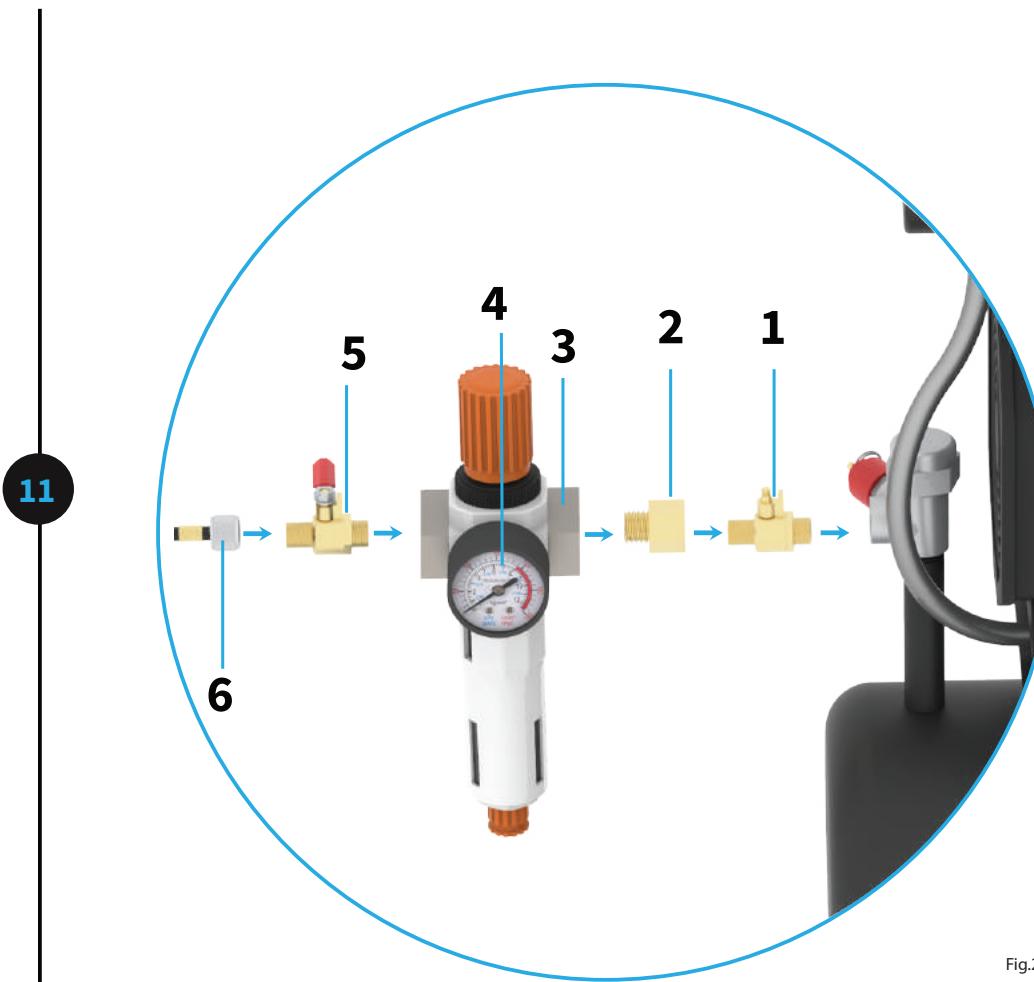


Fig.25

1. Fasten the open/Close Valve to the compressor outlet air port.
2. Locate the 1/4" to 1/8" Fitting and fasten to the other end of the open/Close Valve.
3. Locate the Air Filter and fasten to the 1/8" male side of the fitting.
4. Locate the Pressure Gauge and fasten to the air filter
5. Locate the other Open/Close Valve and fasten to the air filter as shown in Figure 25.
6. Locate the PVC Pipe air Tubing and fasten to the male end of the Open/Close Valve.

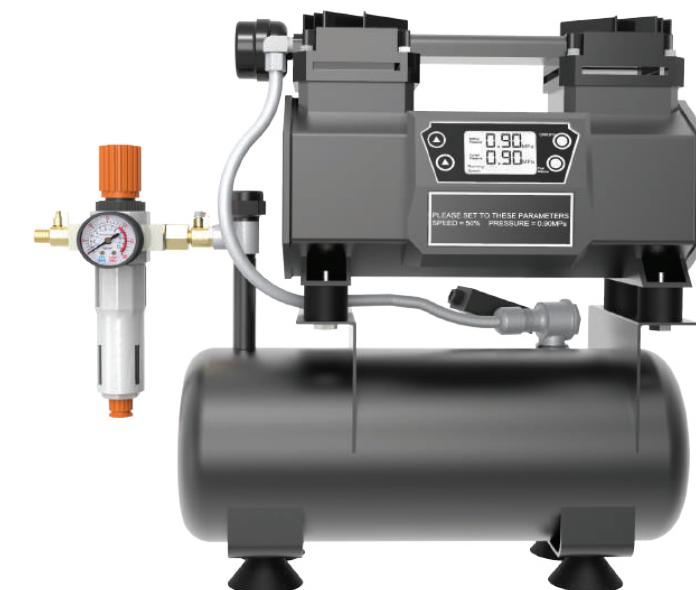


Fig.15



Fig.26



Fig.27

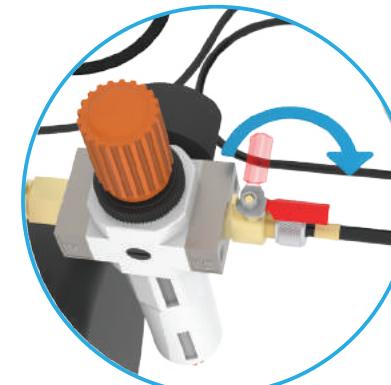


Fig.28



Fig.29

12

Locate the Filter Muffler and fasten to the compressor as indicated

13

Locate PVC Air pipe from Figure 28 and insert it into the AirtTech compressor inlet port.

14

Open the air valve as indicated in Figure 28

15

Plug in air compressor plug into the wall socket as indicated in Figure 29

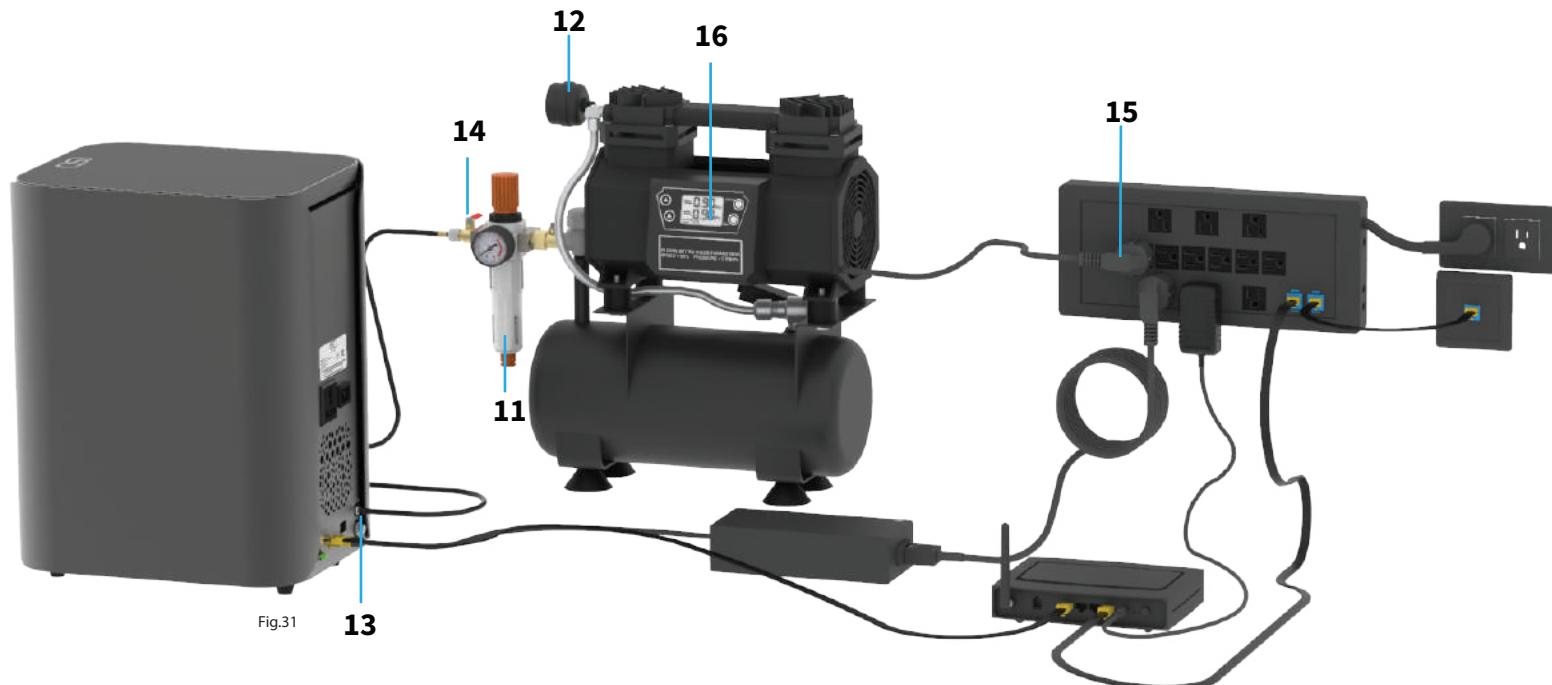
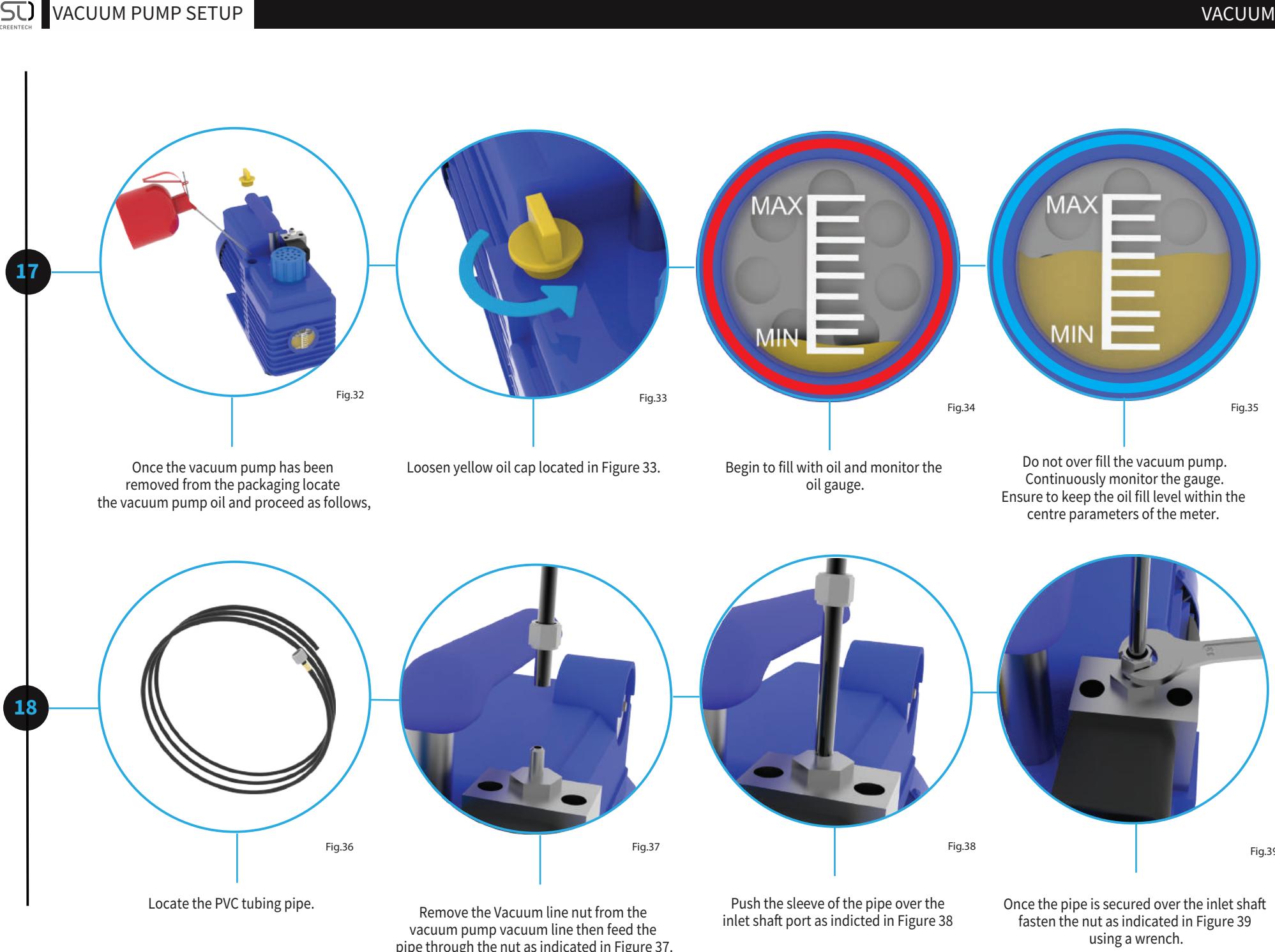


Fig.31

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Fig.45



Fig.41



Fig.40

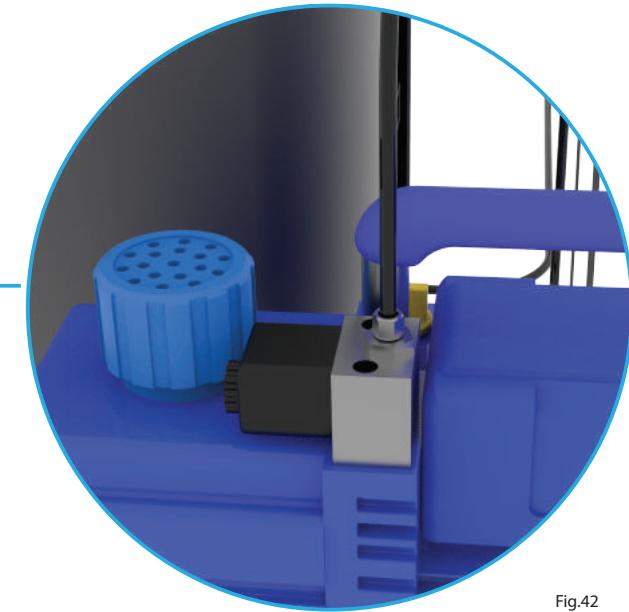


Fig.42

Connect the vacuum pipe pipe to the AirTech Vacuum line port. Fasten the pipe knob as indicated in Figure 41

20



Fig.46

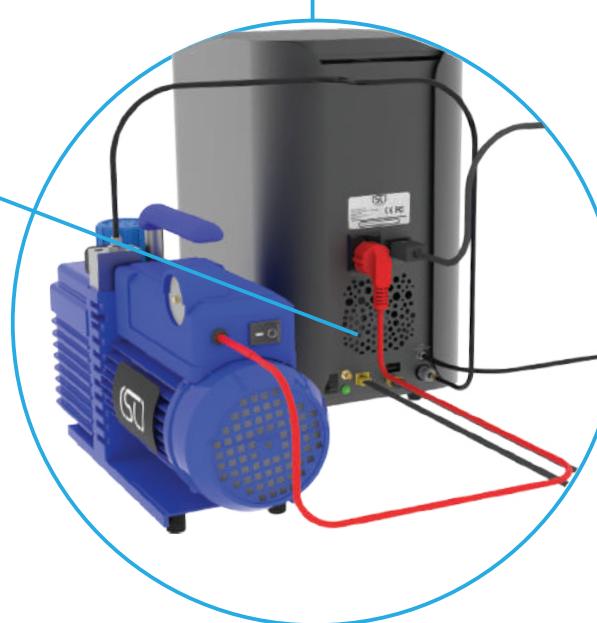


Fig.44

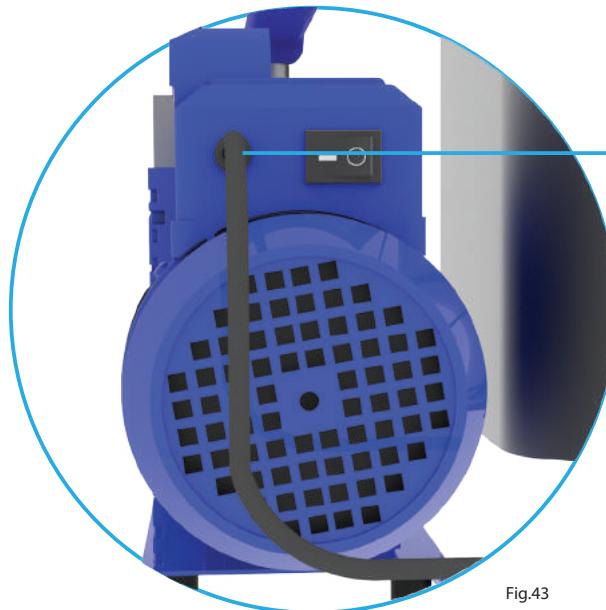


Fig.43

Connect the power cable from the Vacuum pump to the Vacuum Plug In port of the AirTech

21



Fig.47



Fig.49

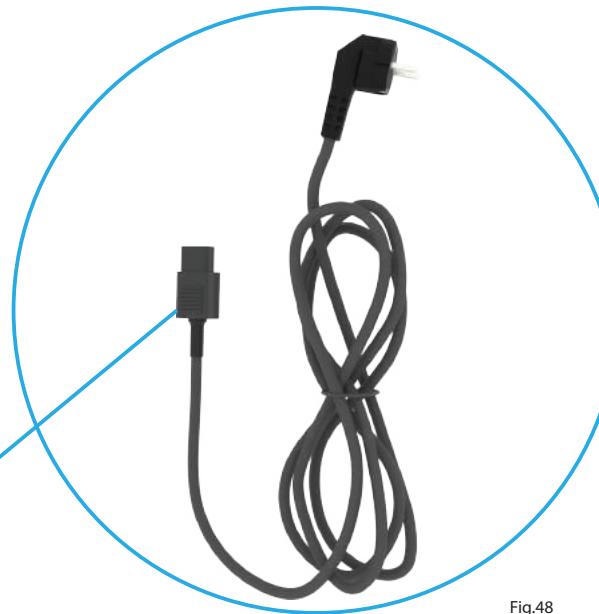


Fig.48

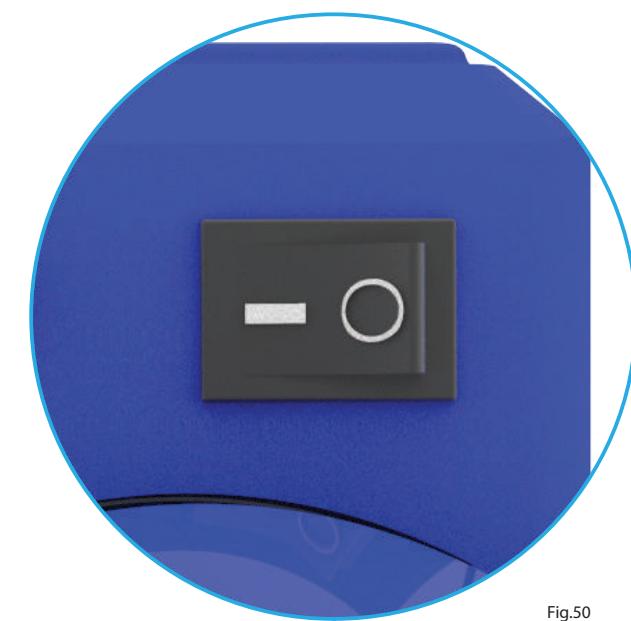


Fig.50



Fig.51

Locate the C14 Power Plug Cable and connect the one end to the AC in port of the AirTech and the other end of the cable to the wall plug point

22

1. Ensure that there is enough Vacuum pump oil in the vacuum pump

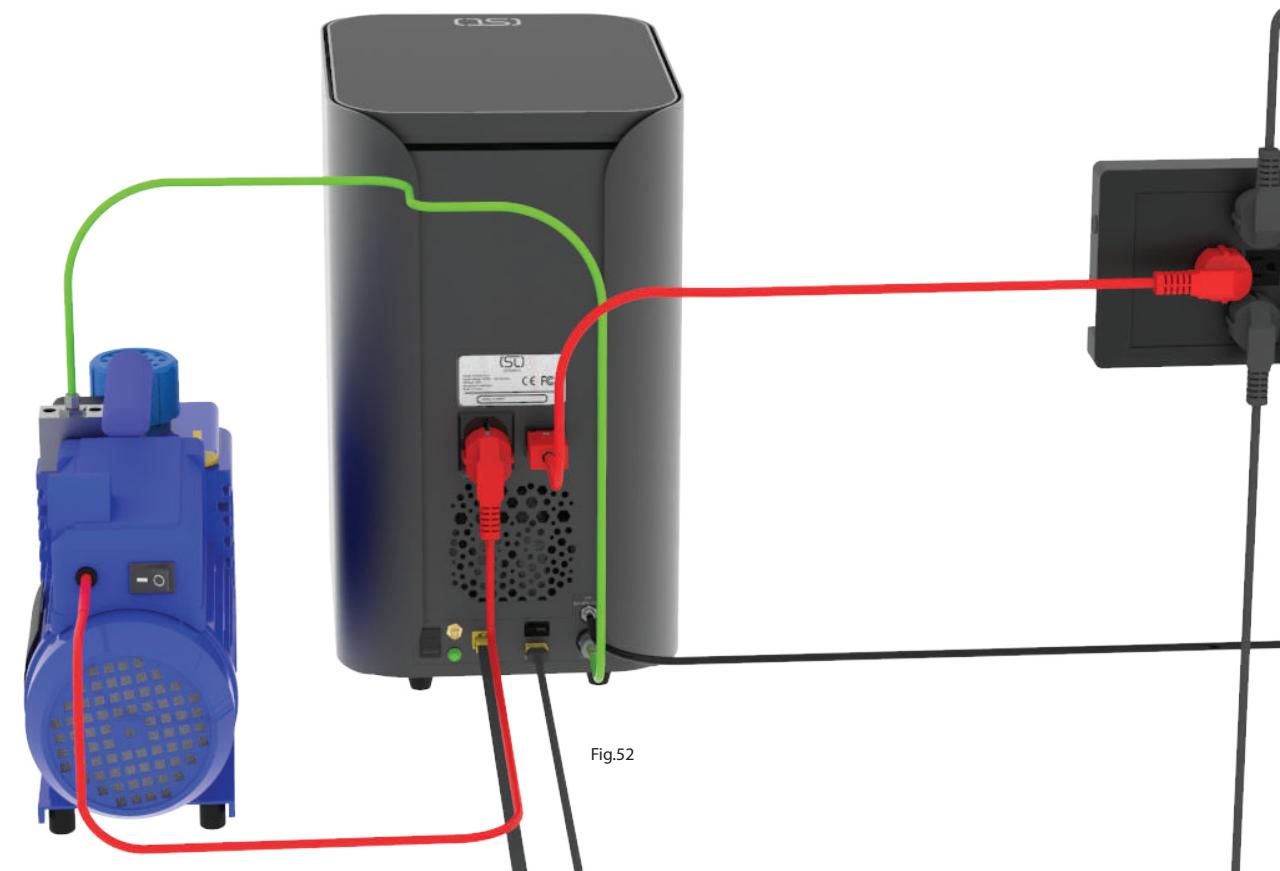
2. Connect the vacuum pipe to the vacuum pump as shown on page 11 in figure 37

3. Connect the vacuum line pipe from the vacuum pump to the AirTech vacuum inlet port as indicated on page 12 Figure 41

4. Connect the vacuum pumps power cable to the AirTech Vacuum Plug In port as indicated on Page 12 Figure 44

5. Locate the C14 Power Cable Plug and connect as indicated on Page 13 Figure 51

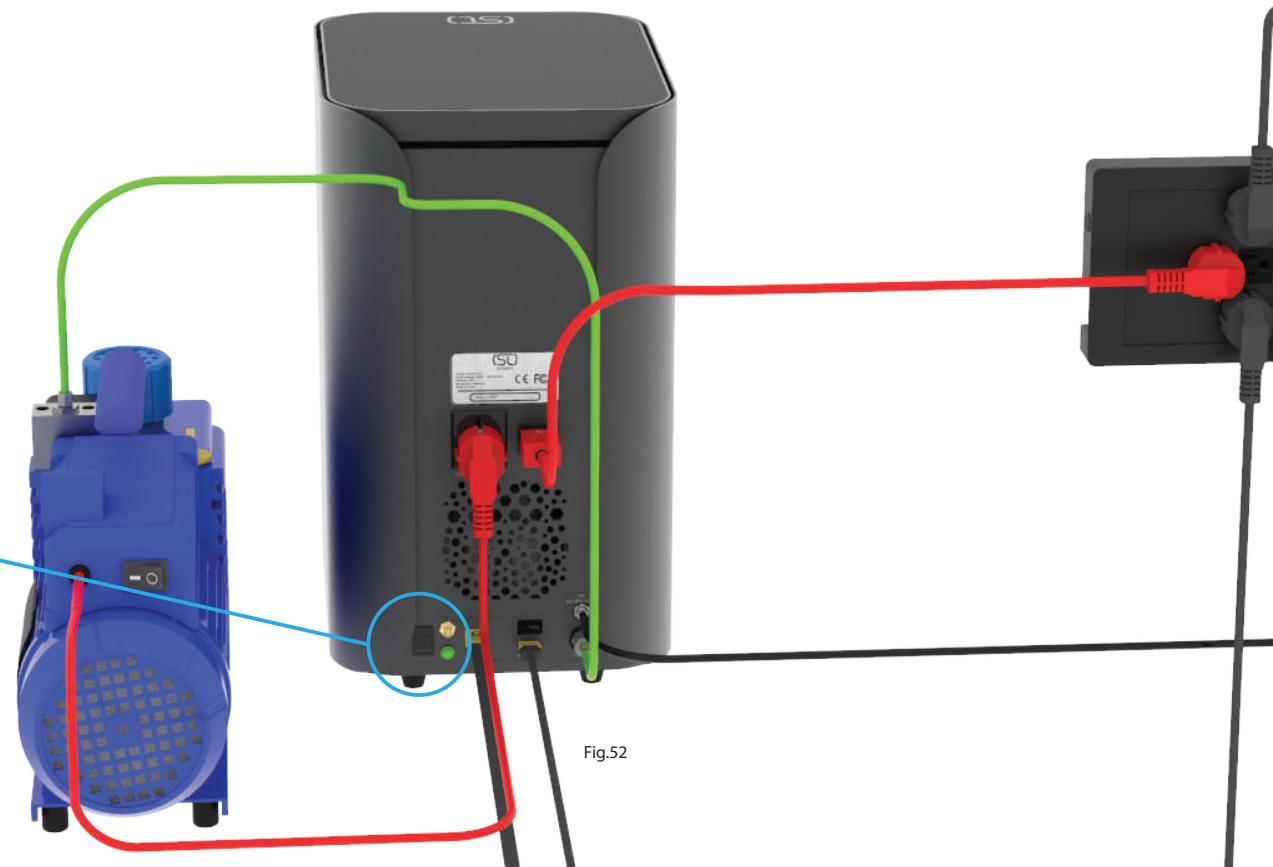
6. Ensure the vacuum pump power switch is in the On position as indicated on page 13 Figure 50



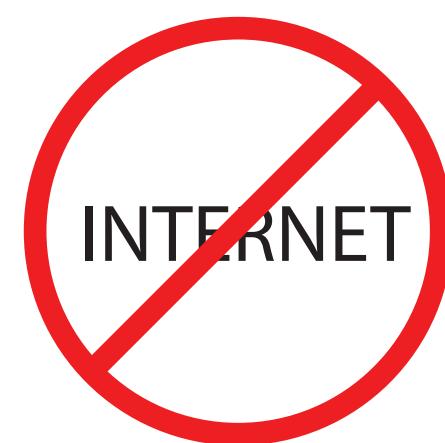
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Toggle the power switch in the ON position to
Initiate the booting sequences

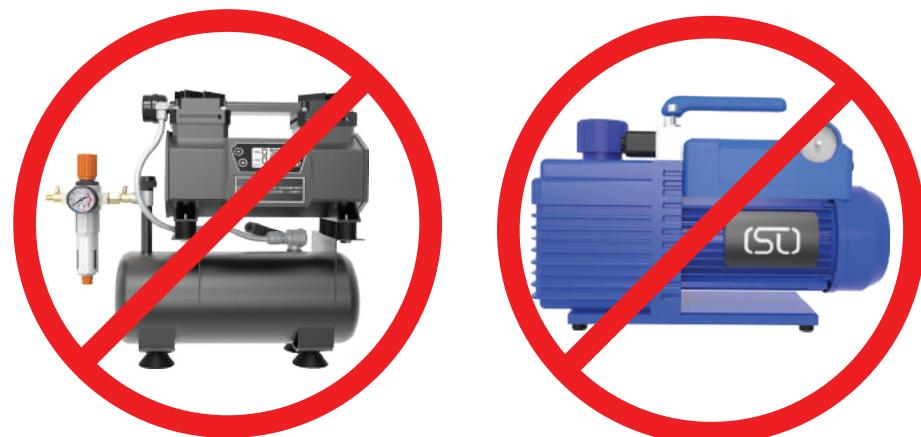


24



System standby waiting

No Internet connection



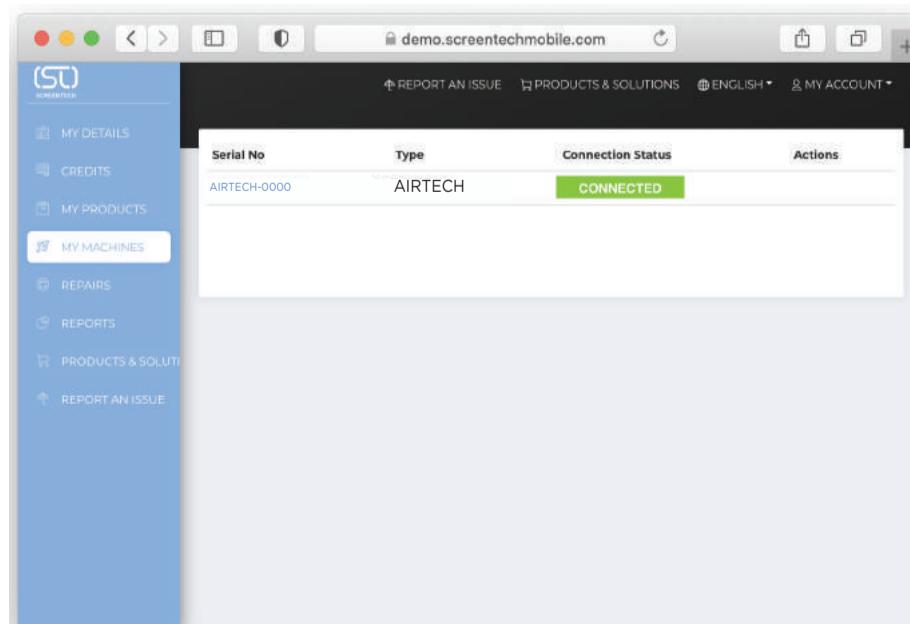
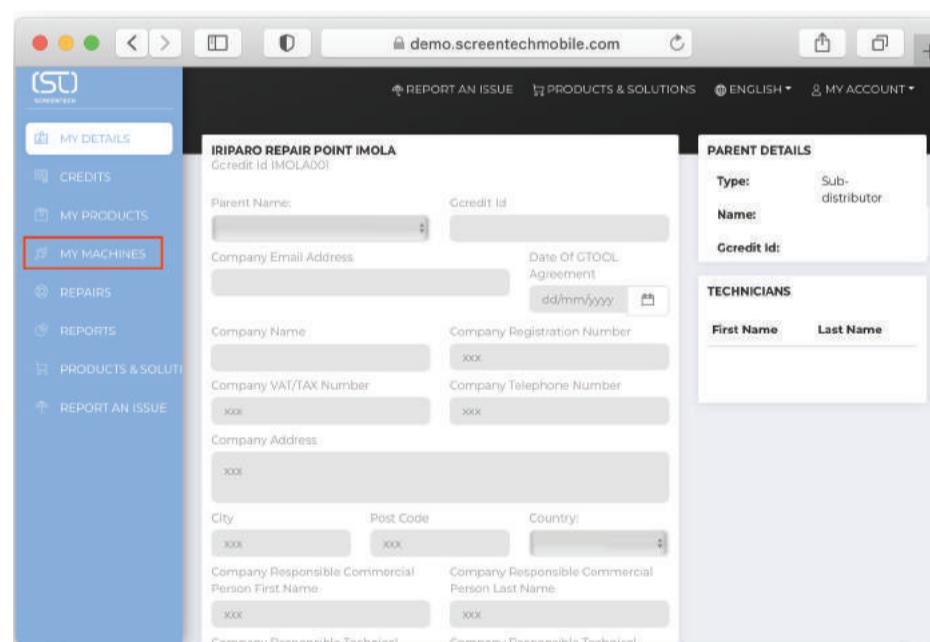
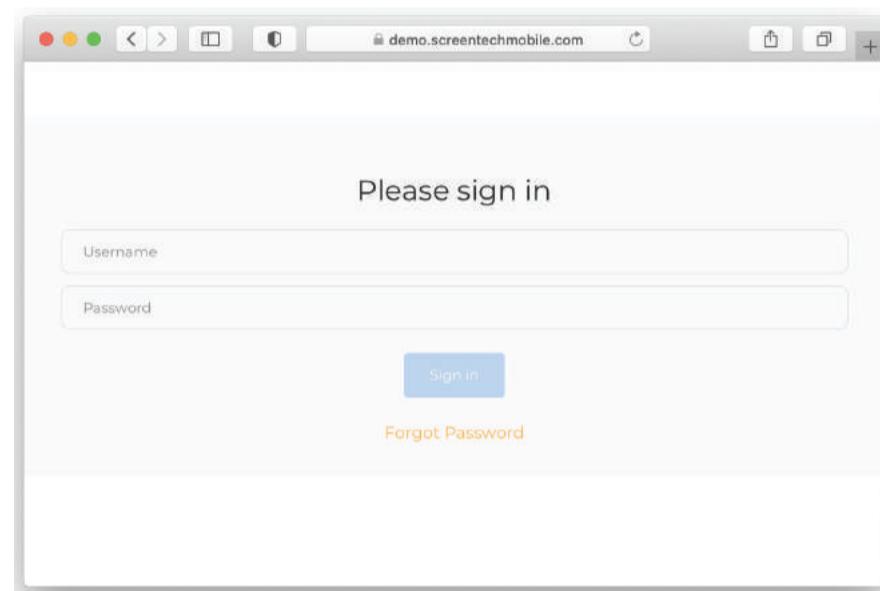
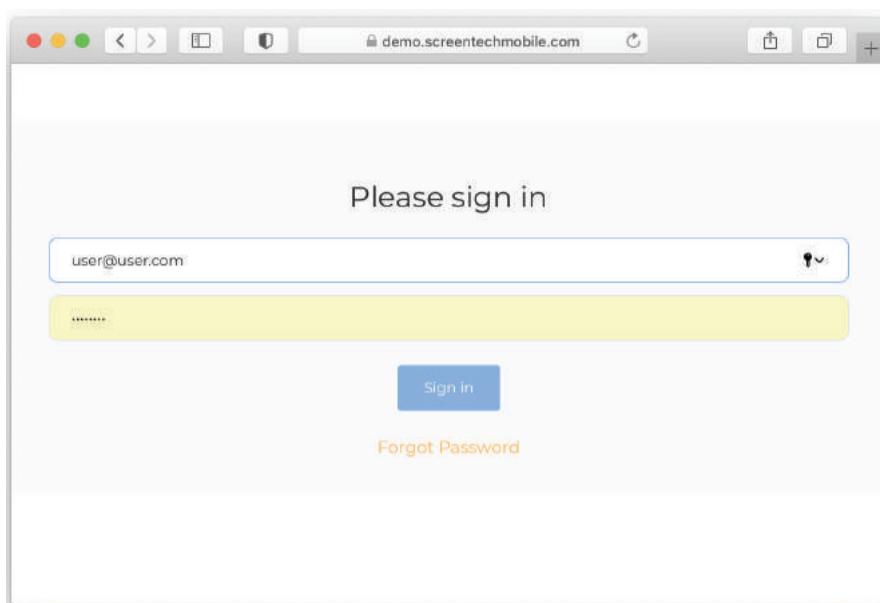
ERROR, CHECK COMPRESSOR

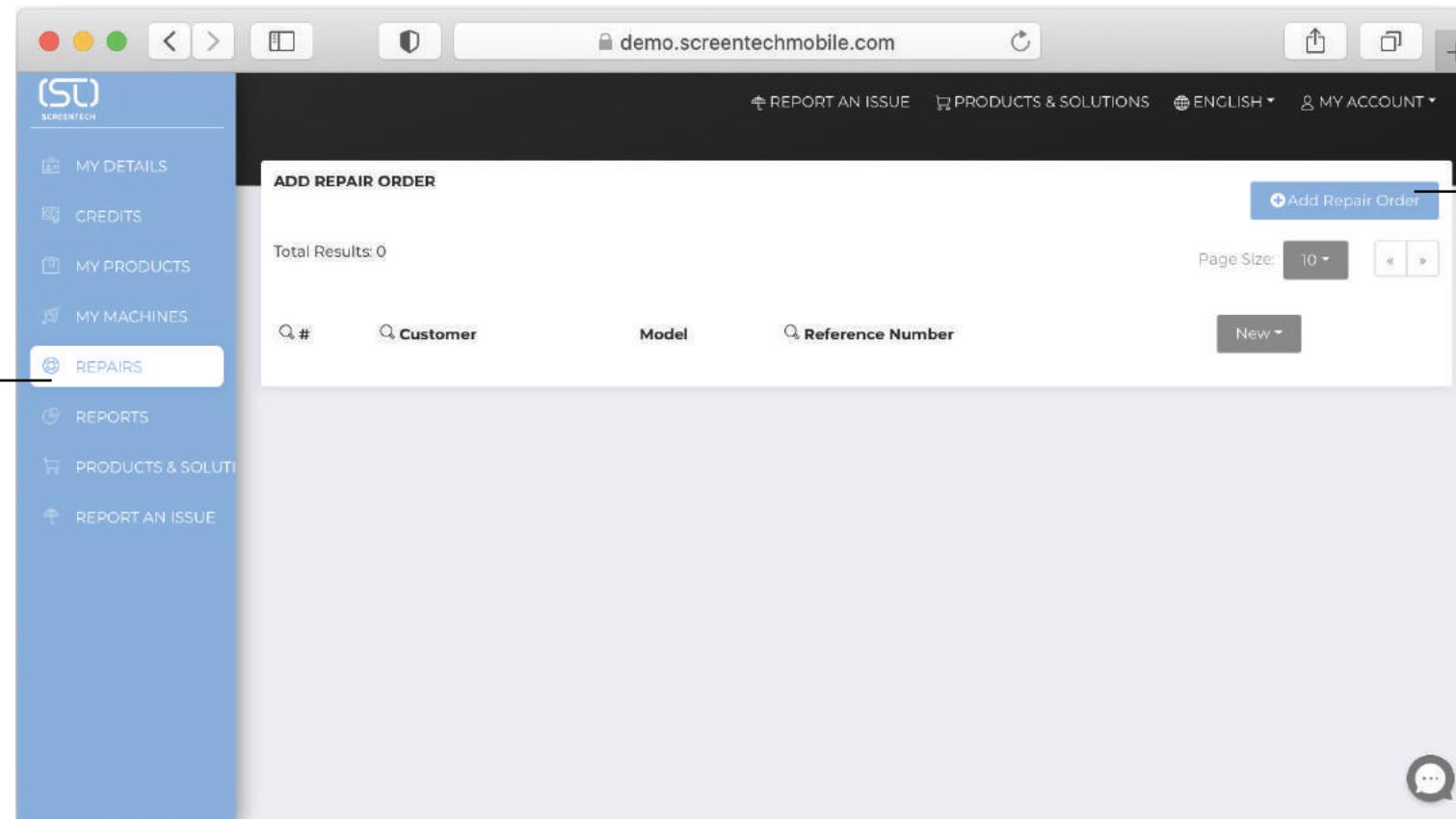
CHECK VACUUM PUMP
CHECK AIR COMPRESSOR



ERROR, SYSTEM NEEDS SERVICE

CONTACT SUPPORT



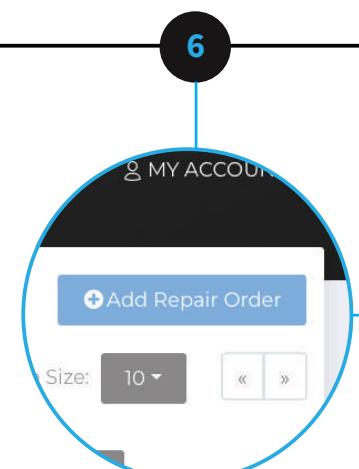


5

Select Repairs located in the main menu

6

Select Add Repair Order located in the top right hand corner of the screen



Customer: Bugs Bee

Due Date: 08/04/2021

Warranty Applicable

Reference Number: Booking number, IMEI etc

Phone Type: iPhone

Model: iPhone X

Variant: glass-black

REPAIRS LIST: Debubble, Repair Screen, Sim Card, Memory Card, Charger

CHECK LIST: Battery

NOTES: Diagnostic Notes, Internal Notes

Add repair order

7

Customer:
Bugs Bee

Bugs Bee

Phone Type:
Phone Type.

Select customer

8

Due Date:
dd/mm/yyyy

Apr 2021

29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Select the date the device was booked in

9

Customer:
Bugs BeeReference Number:
Booking number, IMEI etcPhone Type:
iPhone

REPAIRS LIST

Debubble

Specify a reference for the repair.
Such as a booking number or IMEI number for easy tracking

10

Reference Number:
SerialPhone Type:
 iPhone
 Samsung

NOTES

Diagnostic Notes

Select the brand of device from the drop down menu

11

Model:
iPhone X Repair Screen Sim Card

Select the model of the device

12

Variant:
glass-black Memory Card

Select the color of the device

13

Model:
iPhone X Repair Screen Sim Card

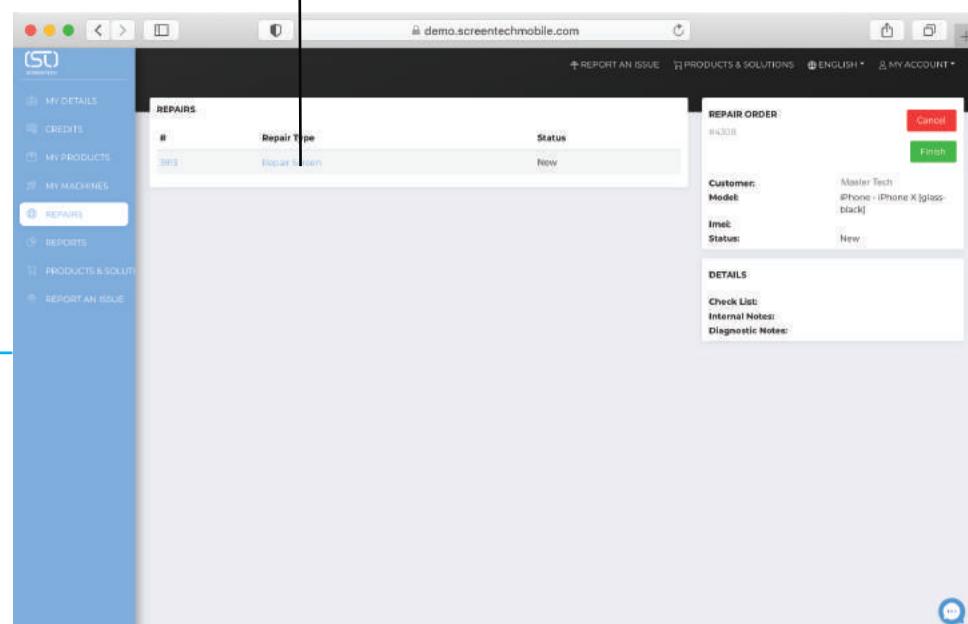
Select what type of repair will be carried out on the specific device

14

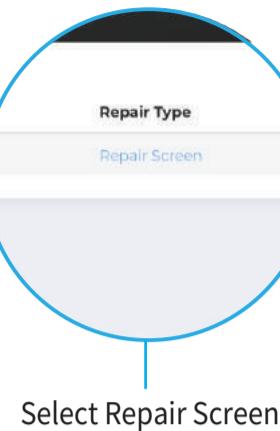
Add repair order

Select Add repair order once all the relevant information has been specified

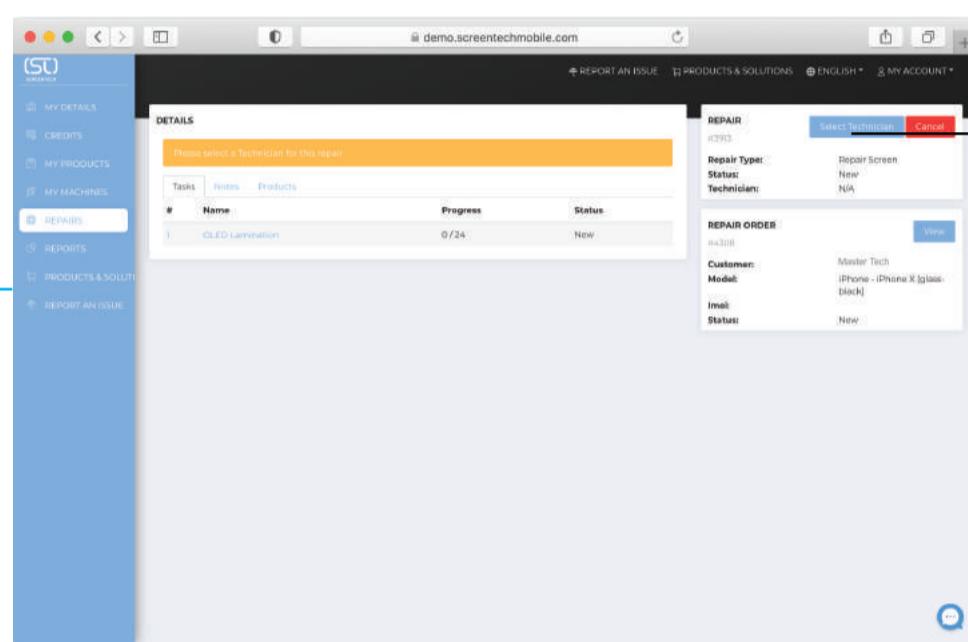
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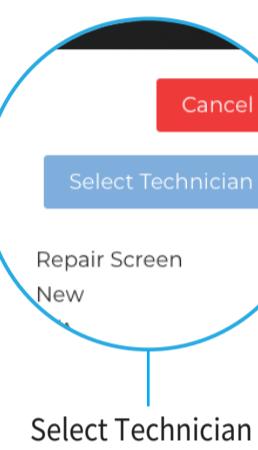
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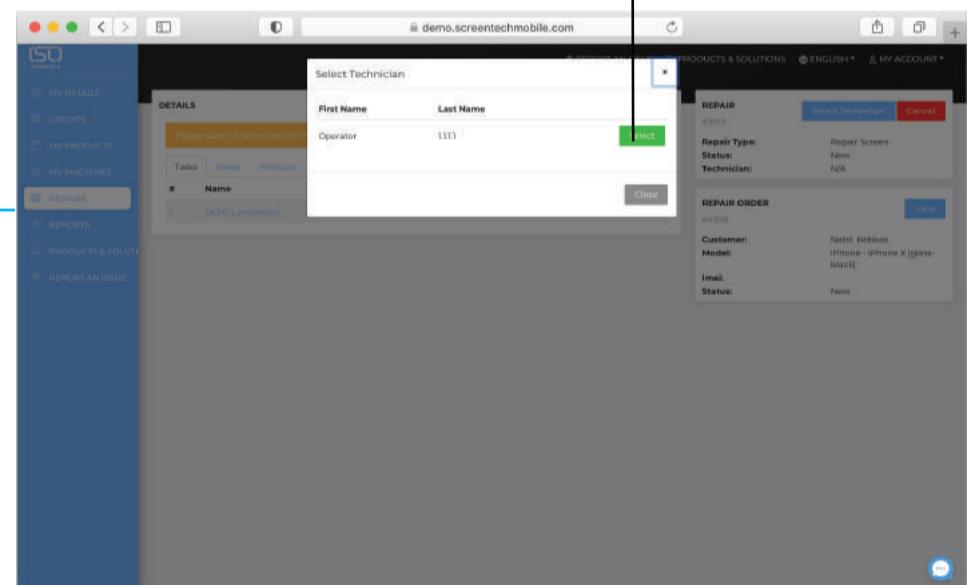
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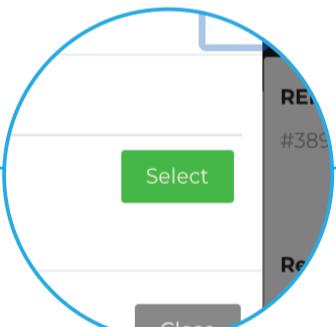
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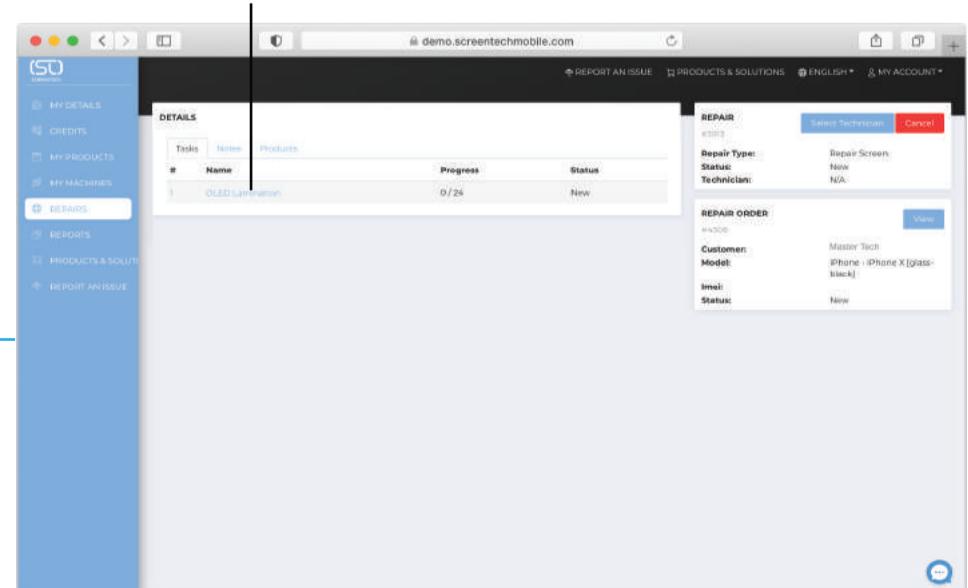
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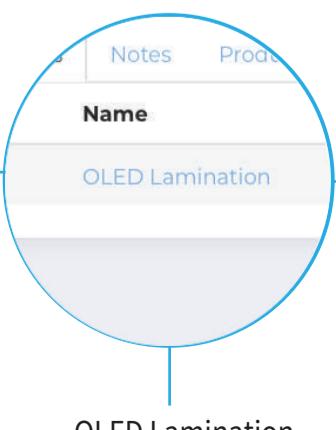
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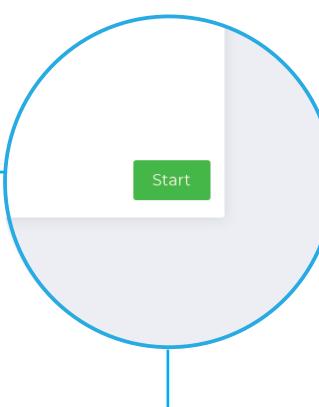
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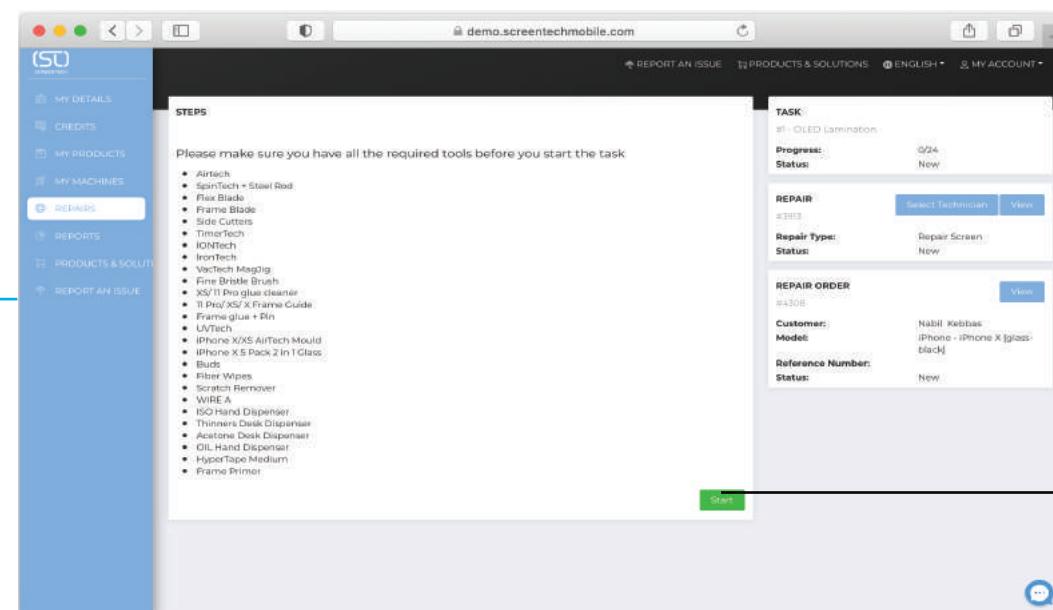
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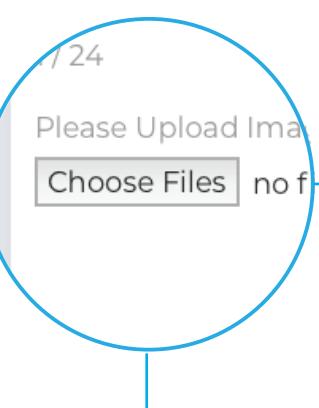


Make sure you have all the required tools. Press Start

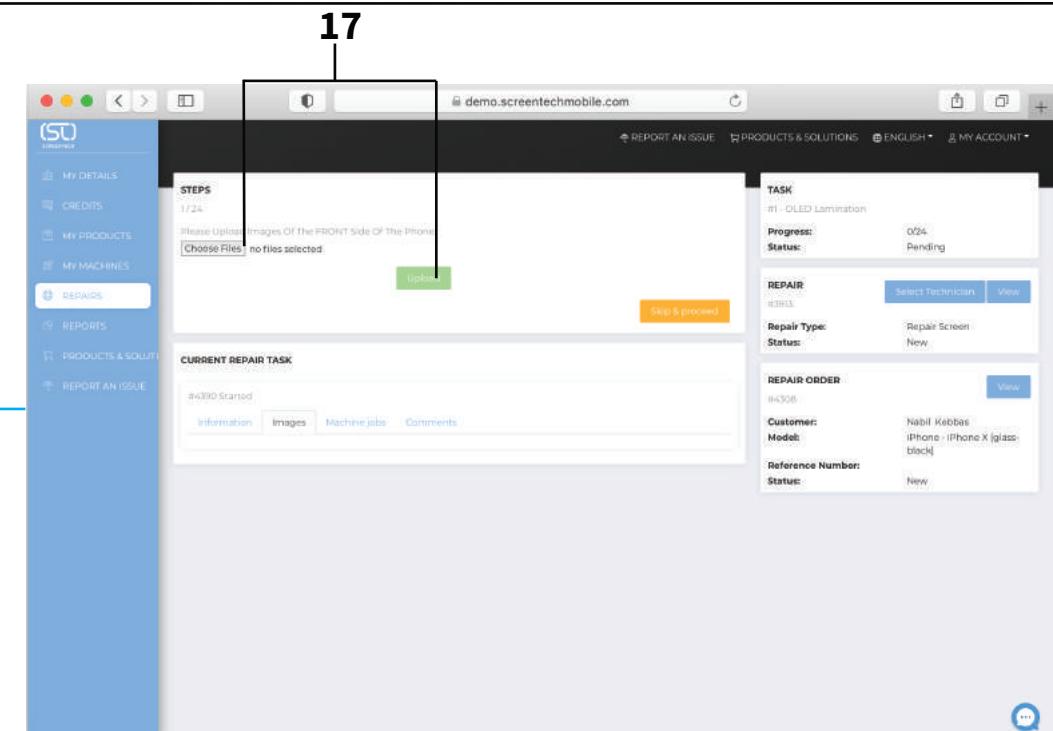


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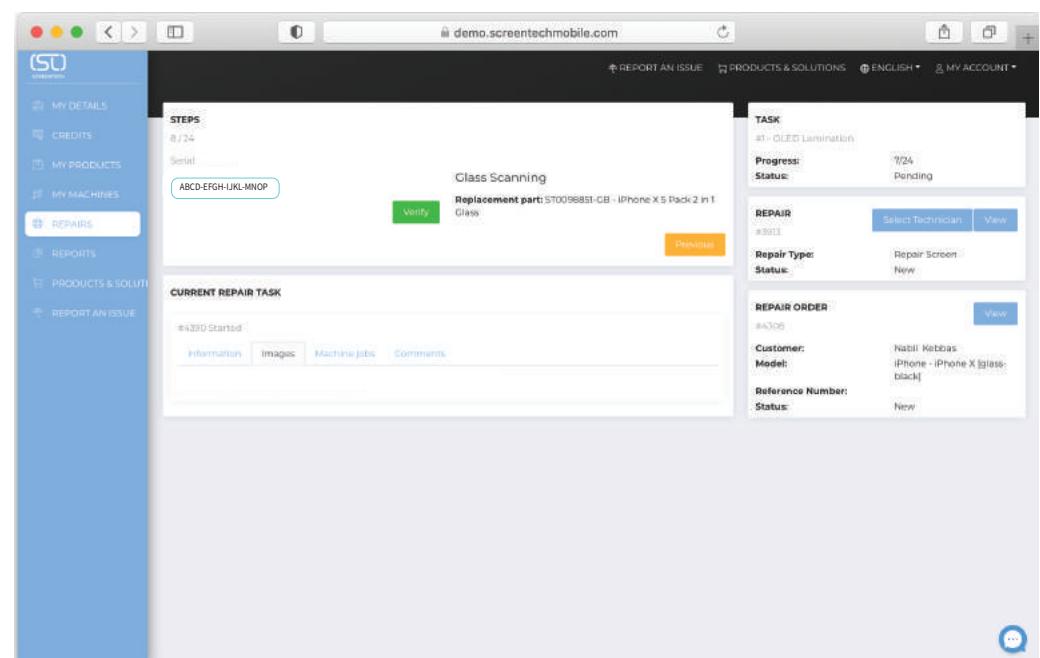
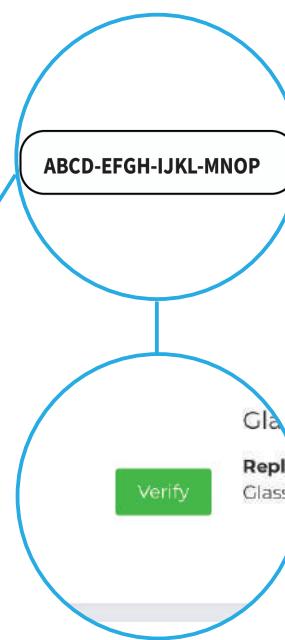
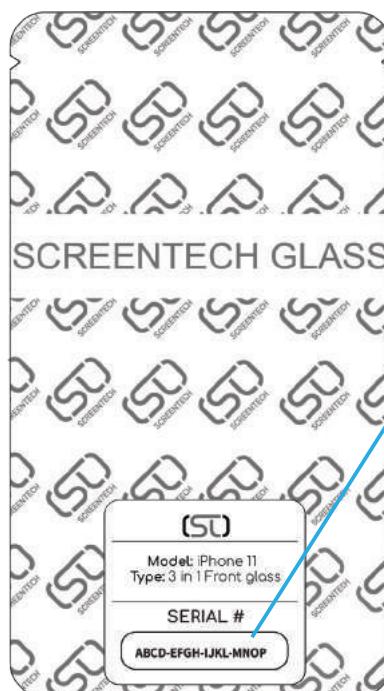


UPLOAD an image of the display

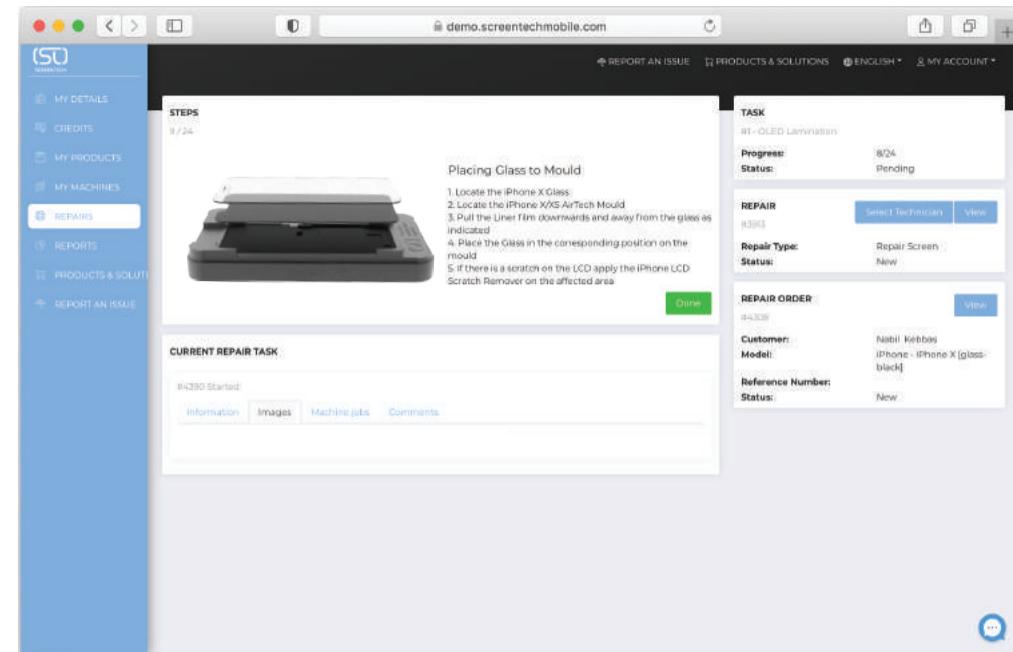


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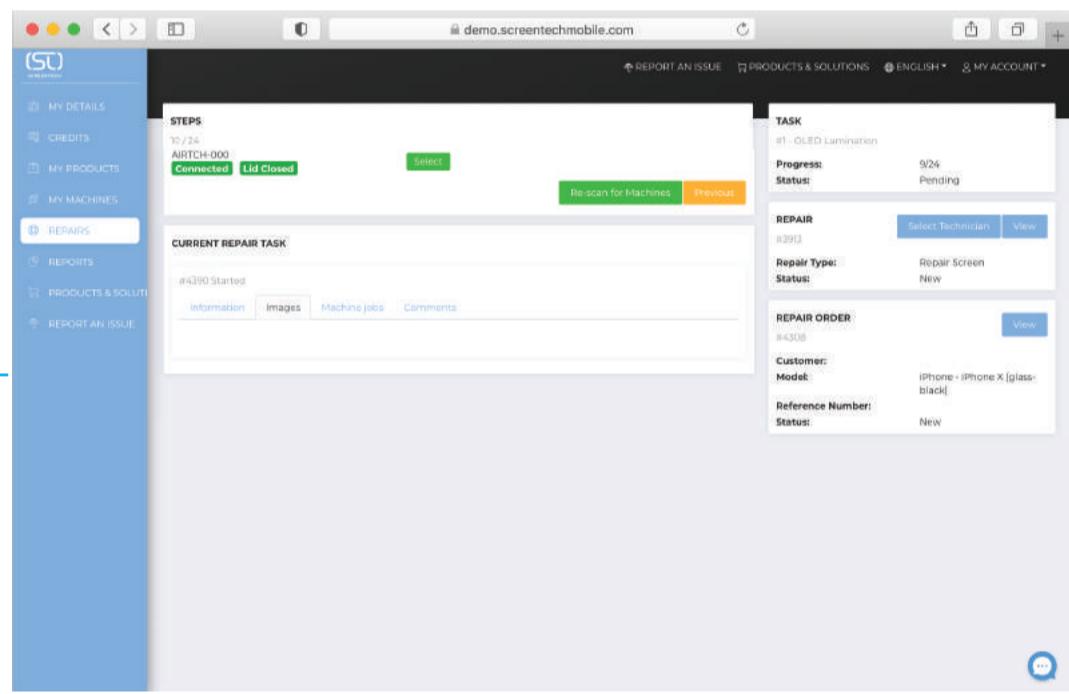
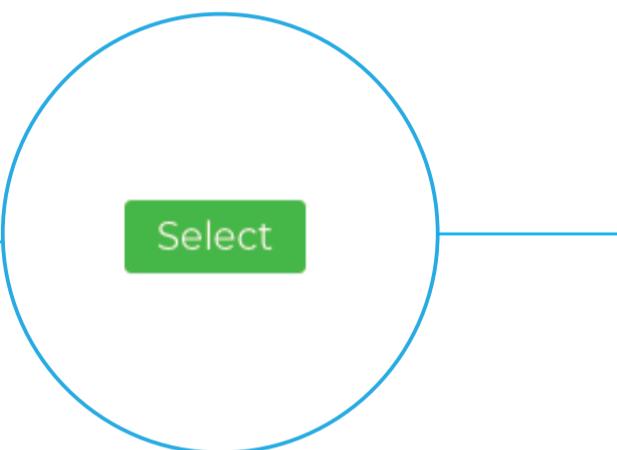
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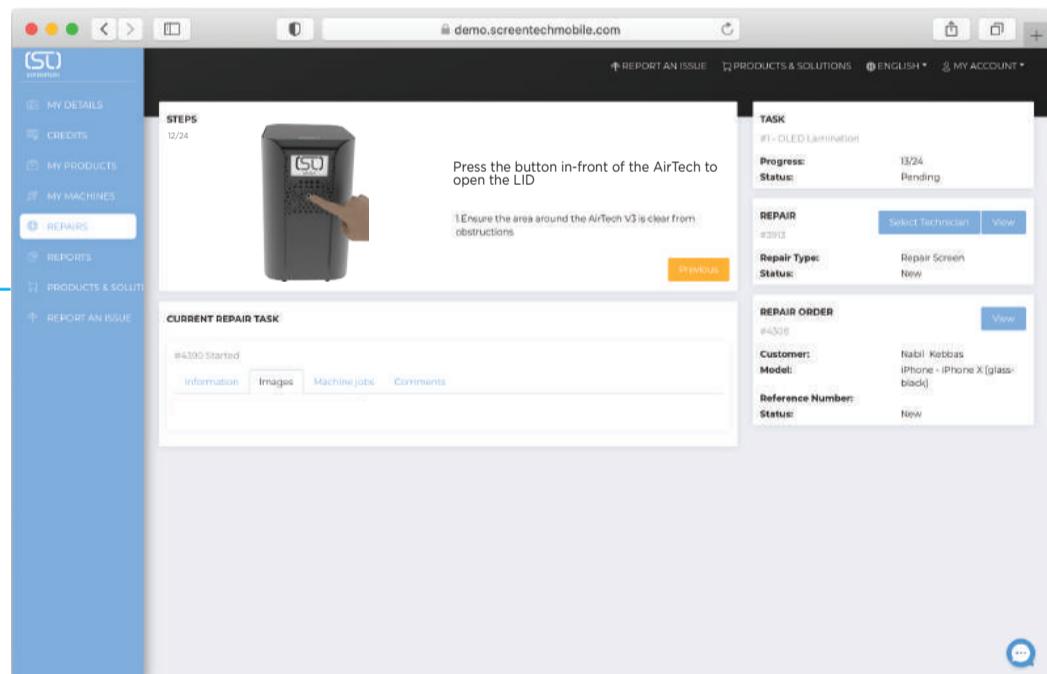
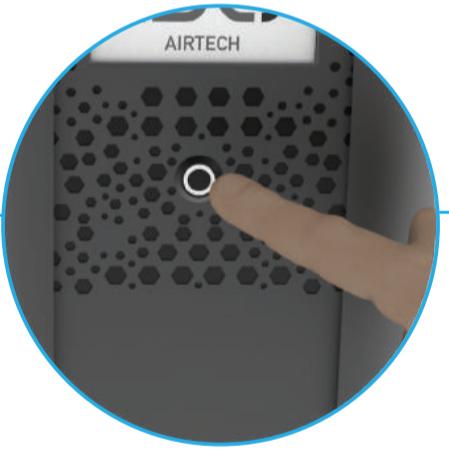
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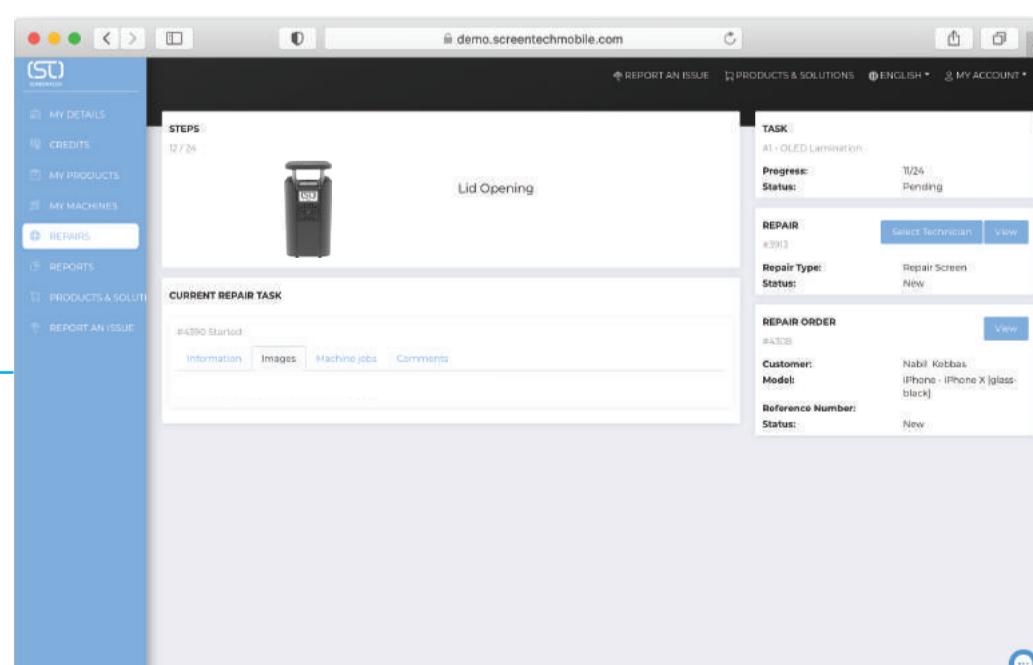
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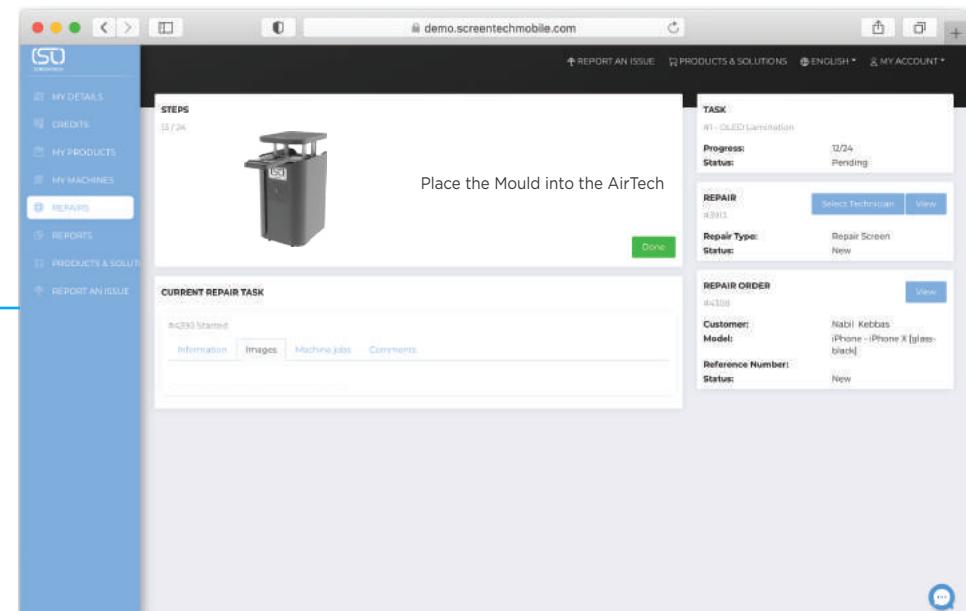
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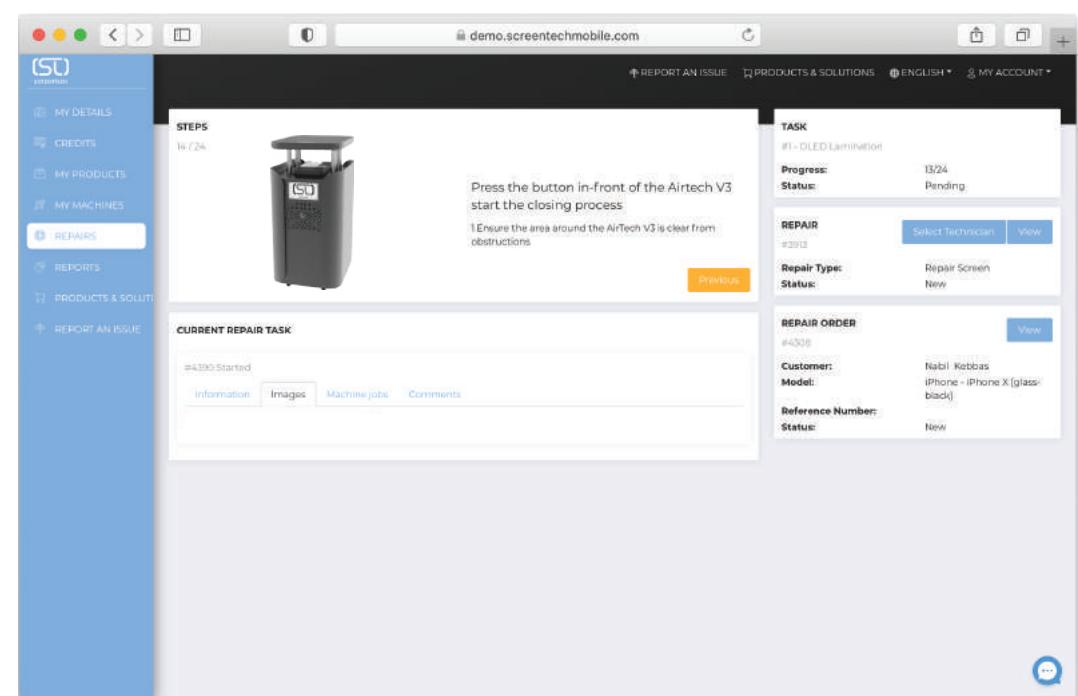
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27



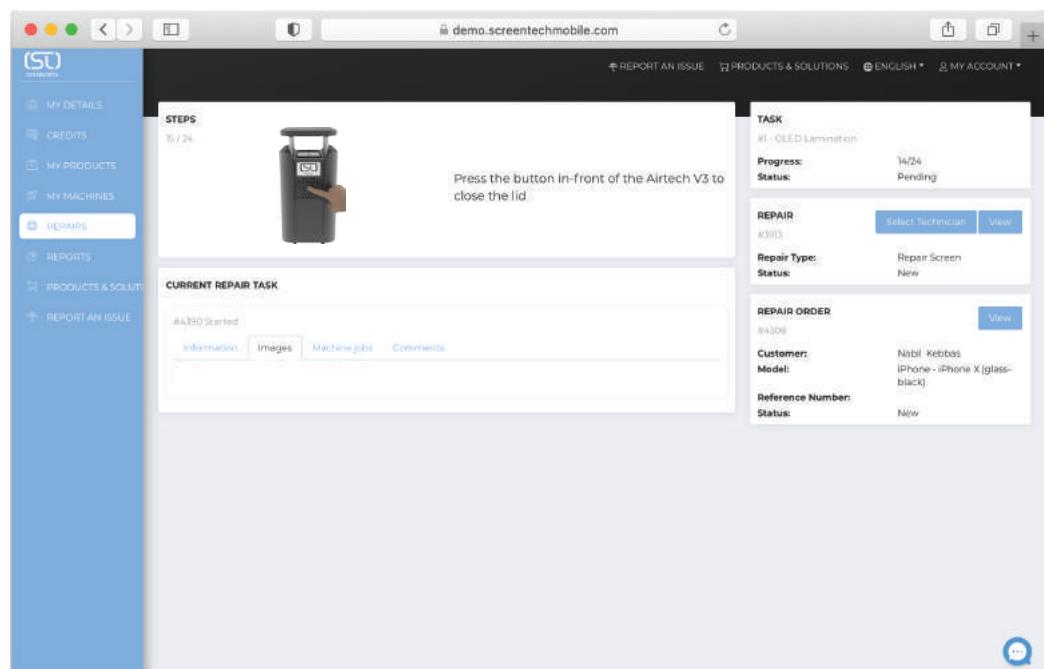
Press once to initiate the closing process.
The Chamber plate will be lowered.



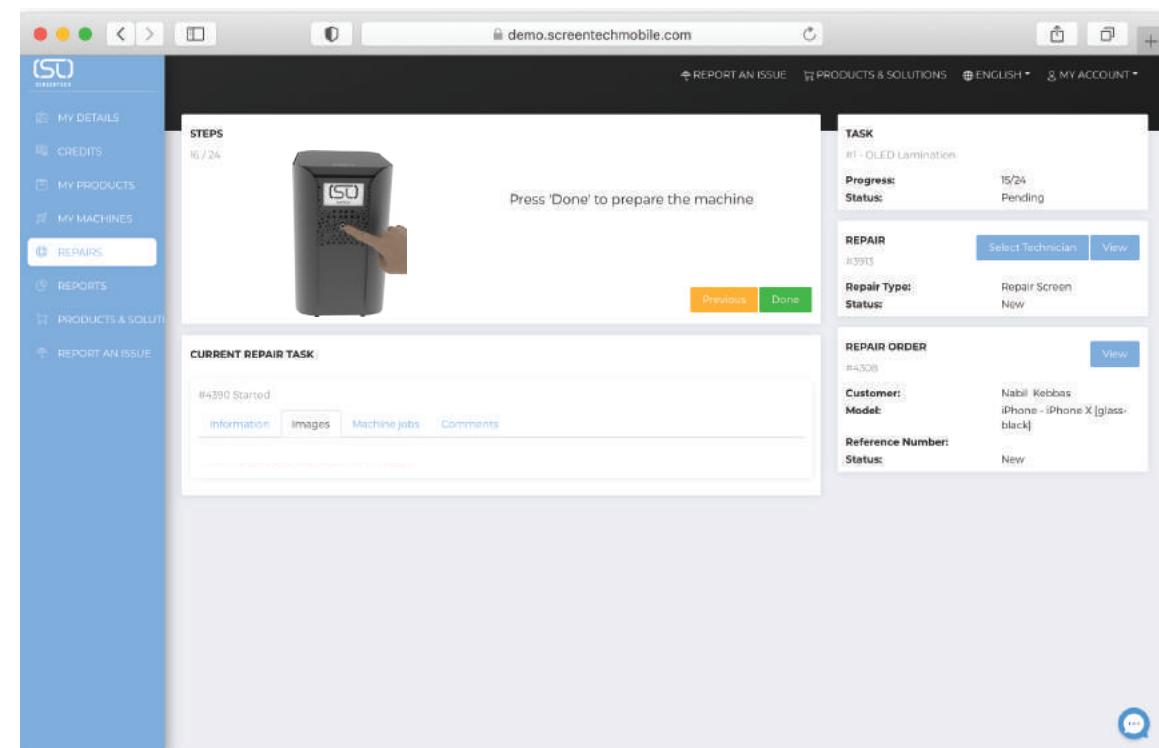
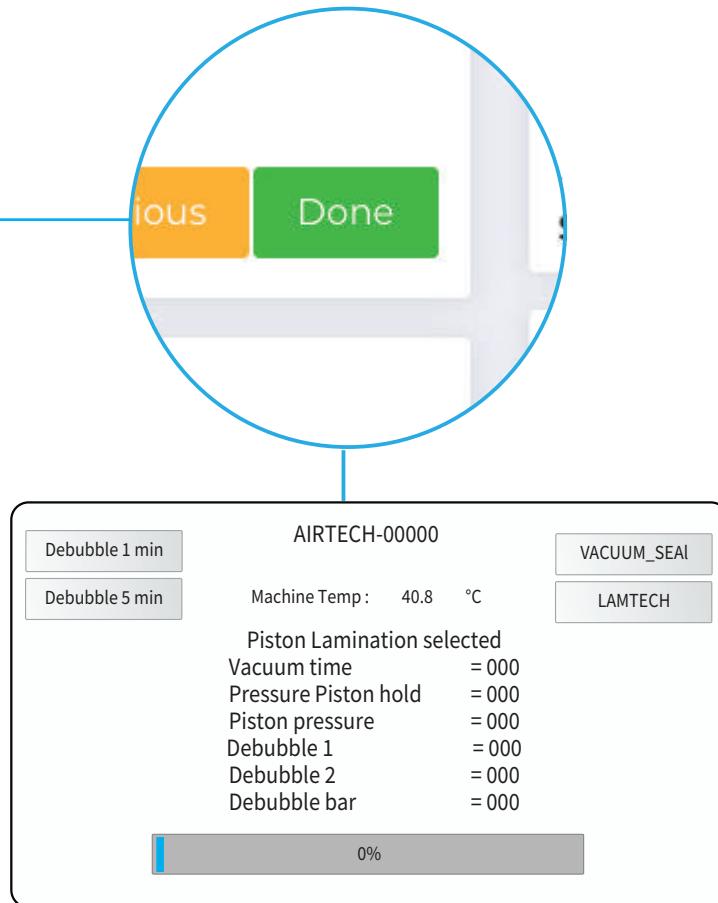
28



Press to close the Lid

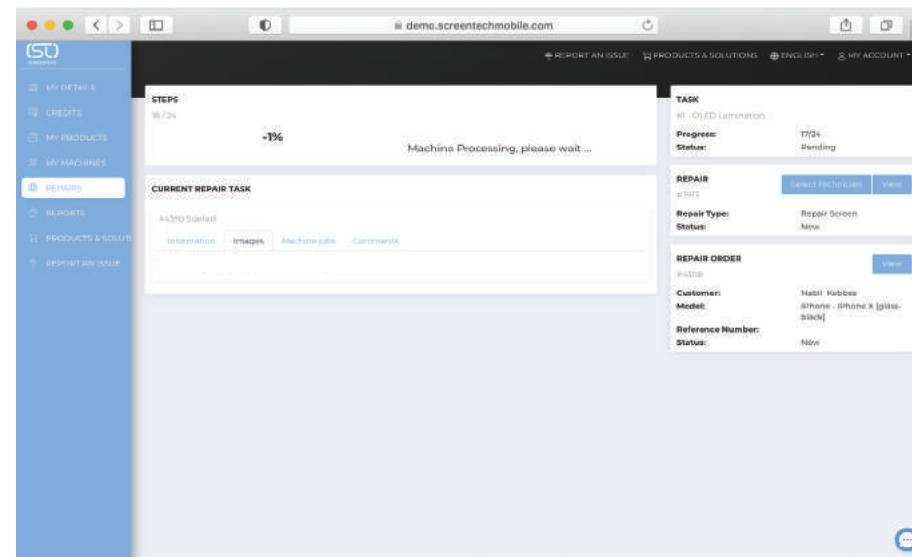
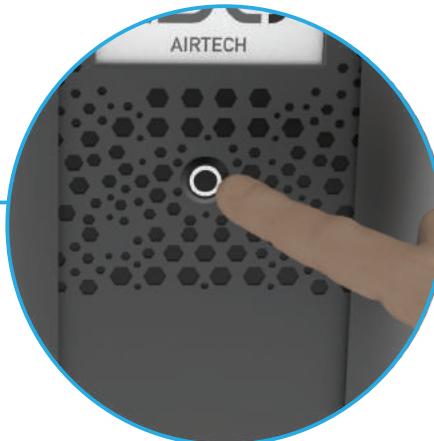


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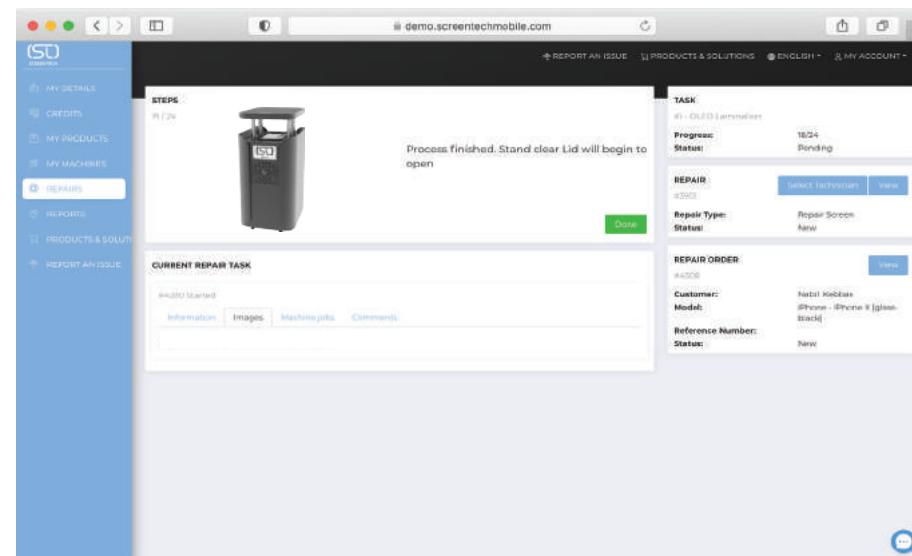
Process will start as button gets pressed



31

Process has now completed.

The LID will automatically open
Stand Clear



SCREENTECH STRIVES TO IMPROVE ITS PRODUCTS AT ALL TIMES. BOTH THE DESIGN SPECIFICATIONS AND THESE USER INSTRUCTIONS ARE THUS SUBJECT TO CHANGE WITHOUT NOTICE.

POWER

INPUT VOLTAGE	Single Phase 110VAC/220VAC
OUTPUT VOLTAGE	24VDC
FREQUENCY	50-60Hz
WATTAGE	<= 40 WATTS

FEATURES

AIRBAG	LATEX
PNEUMATIC PISTON	150MM X 200MM
LINEAR ACTUATORS	300MM X 35MM
PRESSURE BARS MAXIMUM	10 BARS
PRESSURE VACUUM MAXIMUM	Ultimate vacuum(Pa) 6*10 ⁻²
CHAMBER TEMPERATURE	40C
CONNECTION IOT	ETHERNET LAN

GENERAL

WEIGHT	42.4kg
DIMENSIONS	450MM x 355MM x 255MM

REGION	COUNTRY	CUSTOMER CARE CENTRE
EUROPE	GERMANY	
	GREECE	
	FRANCE	
	ITALY	
ASIA PACIFIC	HONG KONG	
AFRICA	SOUTH AFRICA	
LATIN AMERICA		

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.