

ASIGA

Cure



USER GUIDE

Index

Index.....	2
Device Information.....	3
Intended Purpose	4
Legal Manufacturer and Australian Sponsor Details.....	4
Specifications	4
CHAPTER 1 Asiga Cure at a Glance	5
Principle of Operation	6
CHAPTER 2 Getting Started	6
Unpacking.....	6
Location	6
Power On.....	6
Starting up	7
Choose your Language	7
Onboarding.....	7
Register	8
Connect to a network.....	8
Finish Up	9
Lid Gesture	10
Homescreen	10
Onboarding Completion.....	11
CHAPTER 3 Preparing and Starting a Cure Program	11
Placing the part(s) in the Chamber	11
Prepare a Cure program.....	11
Recent Materials.....	12
Timed Cure Program	13
Dose Cure Programs.....	14
Asiga Programs	15
Recent Builds	15
During Curing	16
CHAPTER 4 Settings	18
General.....	18
About	18
Date & Time.....	19
Language.....	19
Registered	19
Connectivity.....	20
Ethernet Setup.....	20
Wireless Setup	21
Wireless Direct Setup	22
Statistics	23
Onboarding.....	23
Clear User Data.....	23
CHAPTER 5 Hardware.....	24
Curing Light	24
Set Power Level	25
External Gas.....	26
External Gas Cycles	27

How to attach a Gas Tank	27
External Pump	27
External Pump Relay Kit.....	27
How to attach an External Vacuum Pump	28
Calibrate Pressure	28
Heating	28
Lid Gesture	30
Lid Open / Close.....	30
Display Brightness	30
Sensor Status	30
Chamber Capacity	30
Vacuum Target.....	31
Wait for temperature.....	31
Always Show curing data.....	31
Power	31
Power Off.....	32
Accessing the Web Interface	33
Cure Programs Tab	33
Front Panel Tab.....	34
Settings Tab	34
Time Zone	35
Service Mode.....	35
System Information Tab	35
Update Firmware Tab.....	36
Support Tab.....	37
Restricted Mode	37
Policy Editor.....	38
CHAPTER 7 Servicing.....	39
Service Mode.....	39

Device Information

The Asiga Cure is used to cure 3D printed objects that have been printed from liquid photopolymers. Initially, printed parts will be in a gel state and will consequently lack their full cured strength. Cured parts are achieved when using Asiga Cure, a UV light based post curing system for measurable delivery of optical dose, temperature and vacuum.

Asiga Cure comes in two sizes, 1.5L and 2.5L, has oxygen free curing, immersive 360° LED curing, Intelligent Dose curing, chamber heating to 80°C and Nitrogen connectivity.

Asiga Cure is designed to operate within standard room temperatures (10°C/50°F) - 40°C/100°F). The lower the ambient temperature, the longer the Cure takes to heat the specified temperature.

Asiga recommends being present and actively monitoring the machine while it's in use. Avoid leaving it running overnight or unattended for extended periods. This helps ensure safety, proper functioning, and prevents potential issues from going unnoticed.

Intended Purpose

The Asiga “Cure” is intended to be used in the curing of single stacked 3D printed resin parts.

Legal Manufacturer and Australian Sponsor Details

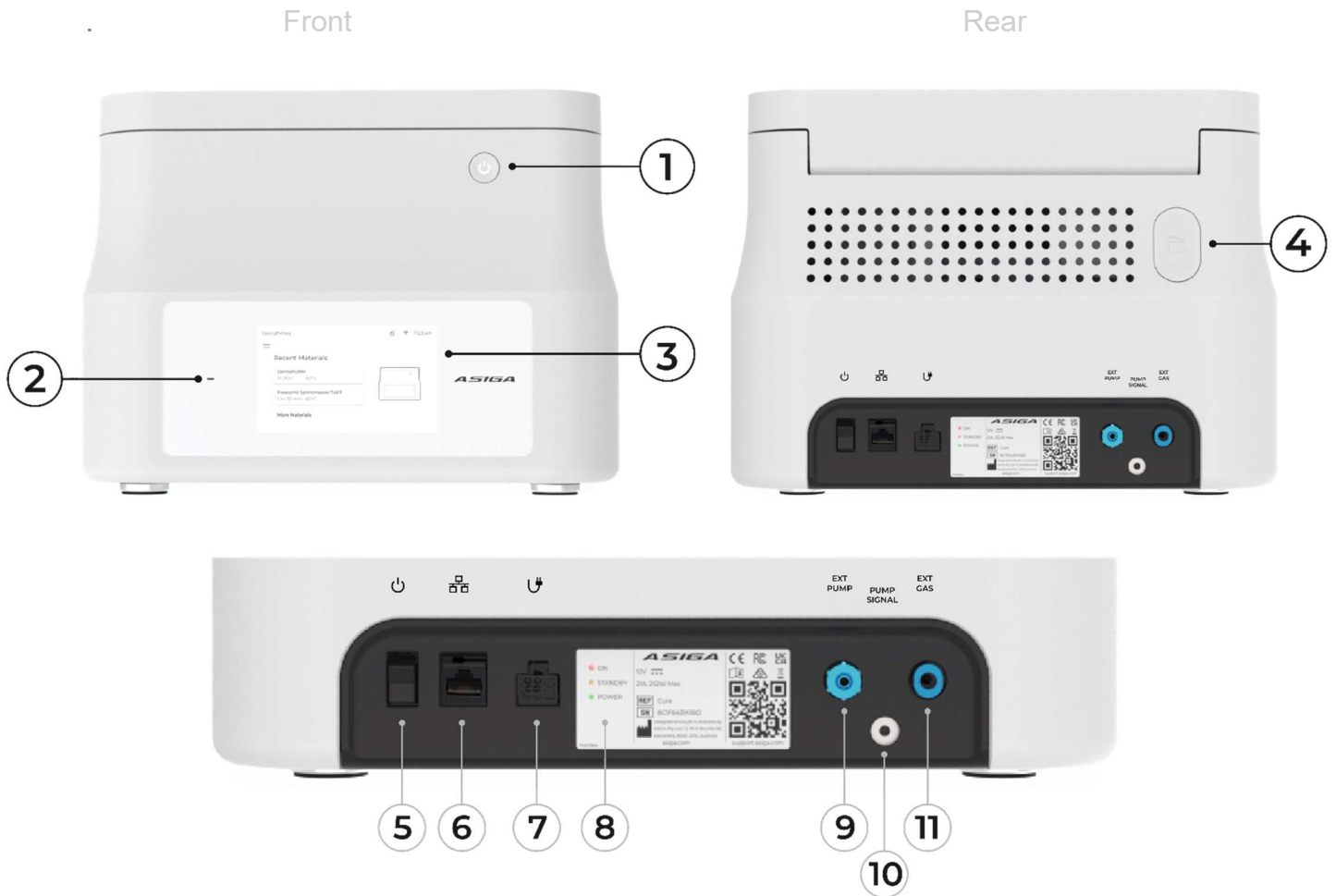
Asiga Pty Ltd
Unit 2, 19-21 Bourke Road
Alexandria, NSW 2015
Australia

Specifications

Product Specification	Cure 1.5L	Cure 2.5L
Chamber Size	194 x 139 x 65mm 7.64 × 5.47 x 2.56in	194 x 139 x 132mm 4.76 × 2.67 × 5.2in
LED Wavelength	405nm (high power UV LED)	
Heating	Controlled infrared heating, up to 80°C	
Material Compatibility	Asiga materials, 100% Open Material System – use any suitable third party materials	
Network Compatibility	Wi-Fi, Wireless Direct, Ethernet, LAN 802.11ac/a/b/g/n 2.4Ghz & 5Ghz Wireless and Gigabit Ethernet	
Power Requirements	Power brick needs 100-240V AC, 50/60-Hz, 4.5A Unit needs 12VDC 21A 252 Watts	
System Sizing/ Weight	380 x 380 x 240mm /15.6kg (CC) 14.96 x 14.96 x 9.45in / 26.45lb (CC)	
Packed Sizing/ Weight	490 x 460 x 460mm / 19.5kg 19.29 x 18.11 x 18.11 in. / 42.88lb	
Warranty	12 months manufacturer's warranty	
Technical Support	Unlimited lifetime technical support included	
Bundle Includes	Cure, Power Brick and IEC Power Cable, Ethernet Cable	

CHAPTER 1 Asiga Cure at a Glance

These diagrams illustrate the main user controls on the Cure:



- 1 Power Button
- 2 Lid Sensor
- 3 Touchscreen User Interface
- 4 Lid Manual Override
- 5 Power Main Switch
- 6 Ethernet Connection
- 7 Power Connection
- 8 Power Status Indicator
- 9 External Vacuum Port
- 10 External Pump Trigger Connection
- 11 External Gas Input
- 12 Chamber



Principle of Operation

- Curing of epoxy material via UV light and/or infrared heat
- Oxygen removal by vacuum or gas substitution (e.g. Nitrogen)

CHAPTER 2 Getting Started

Unpacking

Refer to the Cure unpacking guide which is supplied with the Cure.



Note this packed unit weighs approximately 20kg (44lb), two people are recommended to lift.

Location

Ensure the Cure is placed on level surface with access to mains electricity. The surface does not need to be perfectly level, adjust the feet as needed.

Power On

Plug the power supply cable into the power input at the rear of the Cure. The power supply is designed for 100 – 240 VAC, 50/60Hz, 4.5Amps.

Turn on the Cure by:

1. Flipping the power switch on the back of the Cure to the ON position. You will see standby power LEDs on the back of the Cure illuminate.

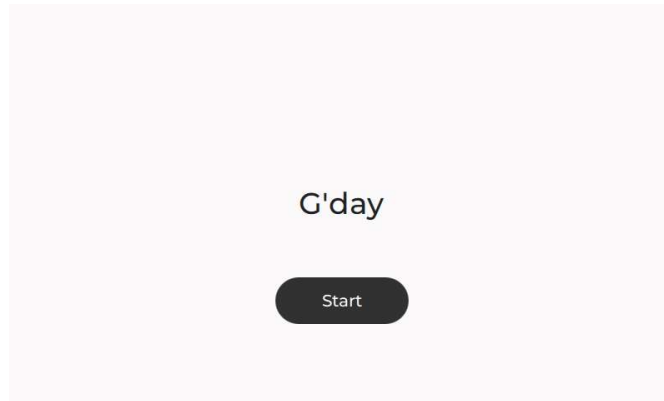
IMPORTANT NOTE: Always shut down the Cure through the on/off button and the user touchscreen display. **Never** power it off using the power switch directly. You may use the flip switch to turn off the Cure, but only **after** the system has been properly shut down via the “Menu” page on the touchscreen display.



2. Press the Power Button at the front of the Cure. The power button will light up, followed by the display screen turning on as the unit starts up.

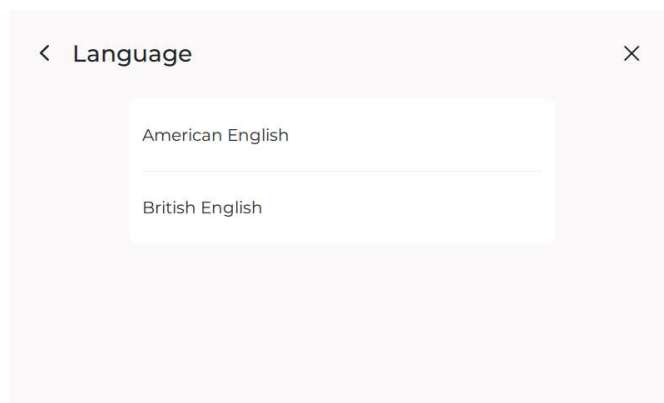
Starting up

Tap “Start” on welcome screen



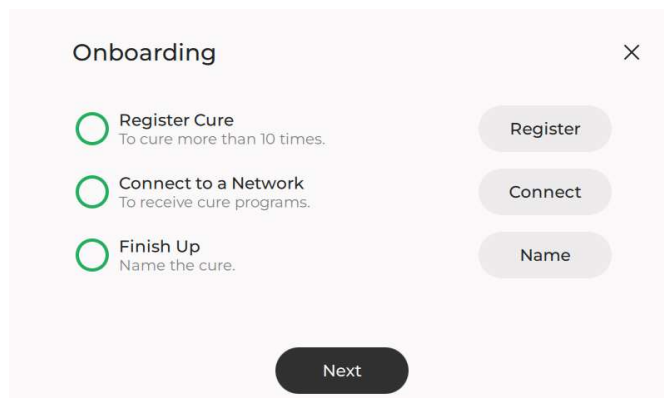
Choose your Language

Upon initial start-up you will be given the option to select your language by scrolling through a list presented on the screen.



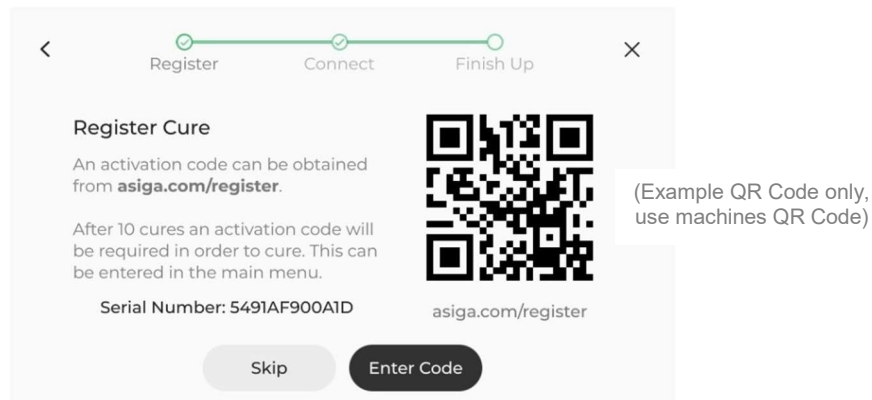
Onboarding

The Cure has an intuitive on-boarding sequence designed to enable correct setup

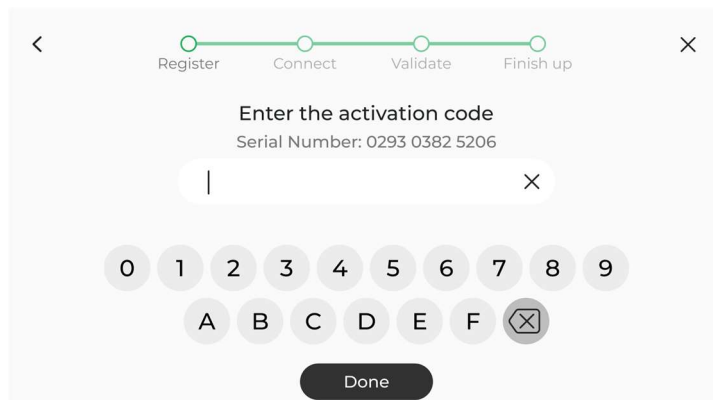


Register

Enter the activation code provided from asiga.com/register

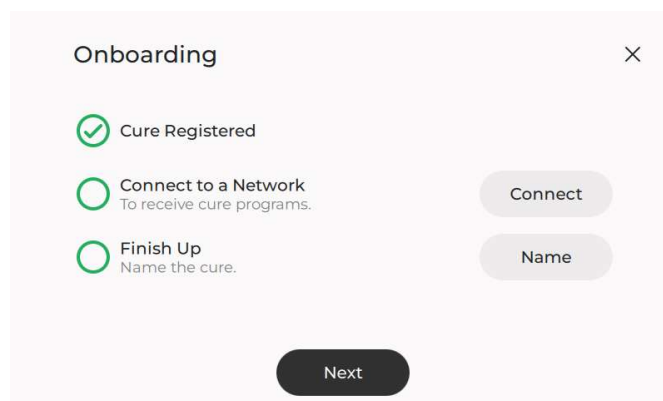


You will be requested to register an account. Once your account has been activated, you will be directed to a screen where you can enter the serial number of your Cure. The activation code registers your Cure with Asiga and commences the one-year warranty on your system. Alternatively, your reseller may provide you with the activation code.



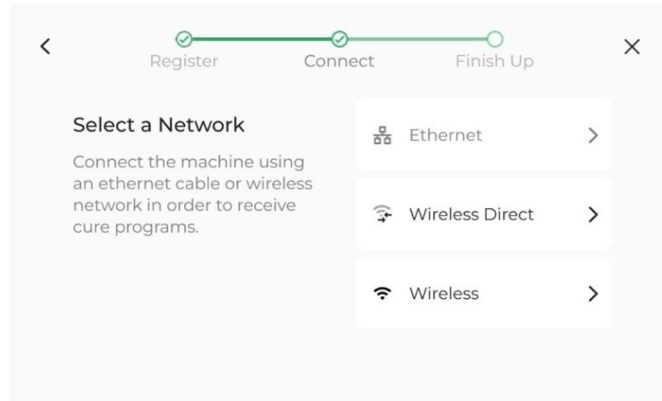
You can operate the Cure without entering the activation code, however, you can only complete a maximum of ten cures. After this, the activation code needs to be entered to continue curing with the Cure.

Connect to a network



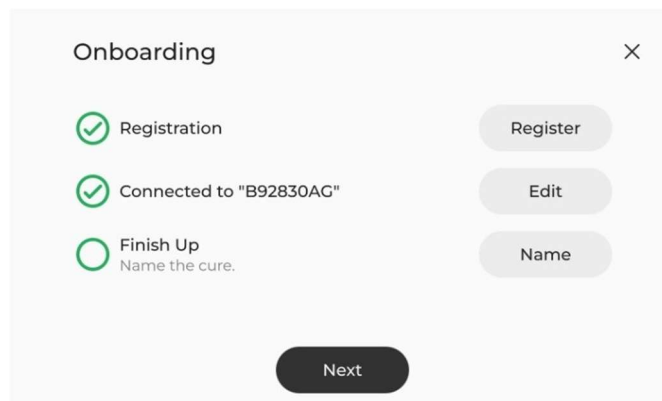
Select your preferred network method Ethernet / Wireless Direct / Wireless

If Choosing Ethernet, simply plug in a LAN cable & tap Ethernet

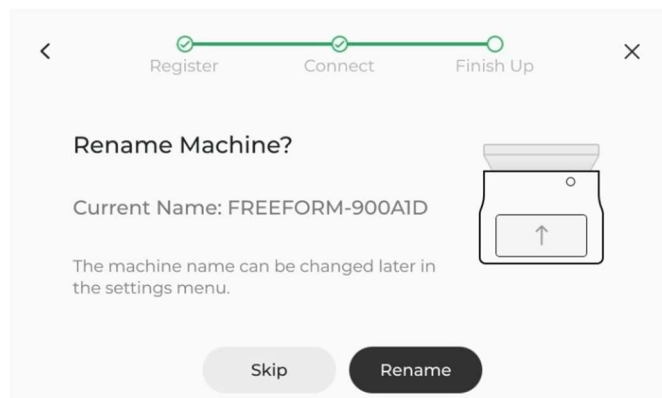


Finish Up

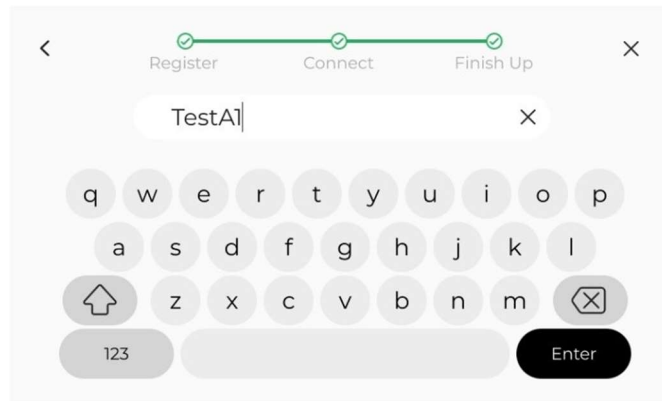
Name the Cure: If you want to rename your Cure, this is the final step in the onboarding process.



Tap "Skip" if you wish to retain the factory name, or "Rename" to change it, without using special characters or spaces.

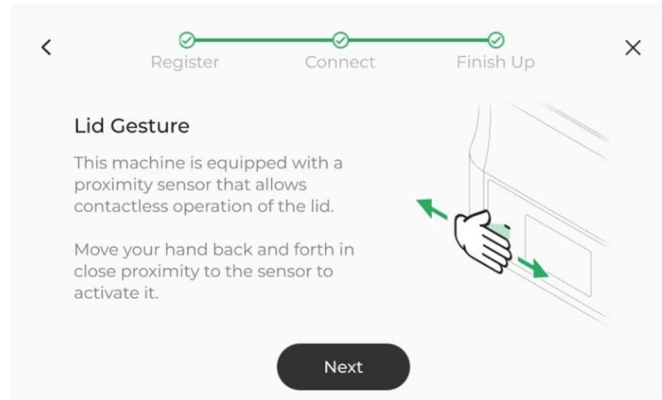


Tap “Enter” when finished



Lid Gesture

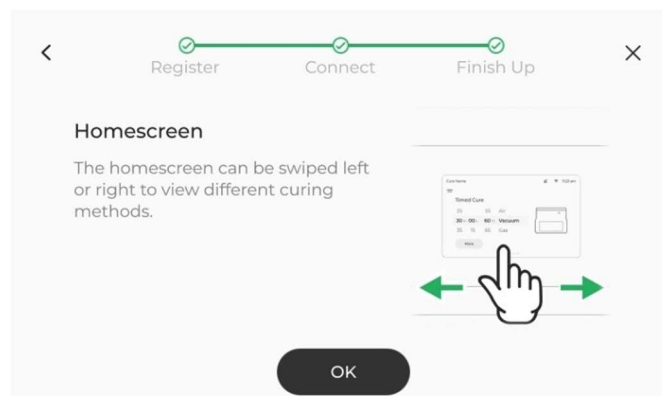
The Cure comes with a proximity sensor that allows contactless operation of the lid. Move your hand back and forth in close proximity to the sensor to activate it.



The automatic lid will only work if the lid is in a final state (fully open or fully closed). Attempting to use the gesture while in an indeterminate state (for example, halfway open) will open the lid.

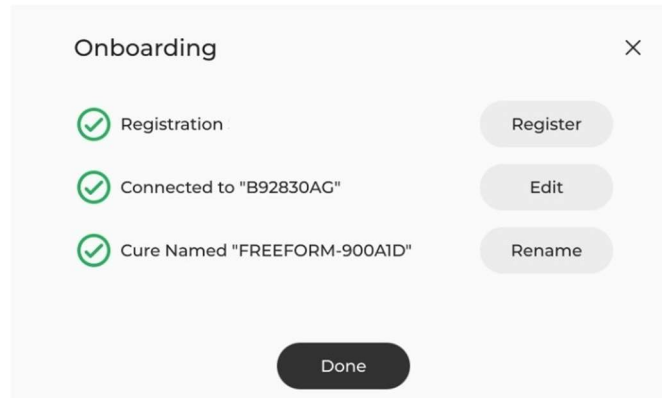
Homescreen

The Homescreen can be swiped left or right, to choose different curing methods. Select “OK” to continue



Onboarding Completion

Tap “Done” to complete the onboarding process



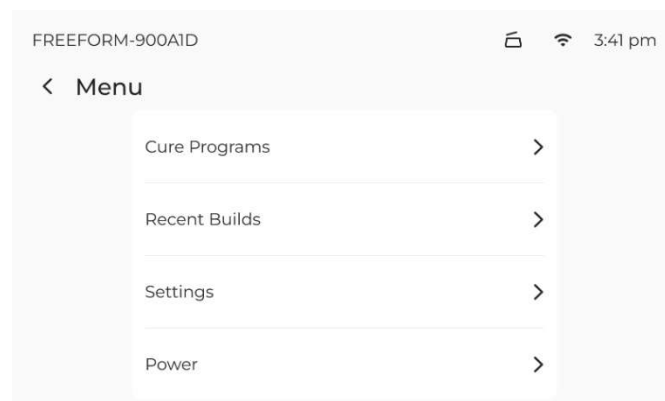
CHAPTER 3 Preparing and Starting a Cure Program

Placing the part(s) in the Chamber

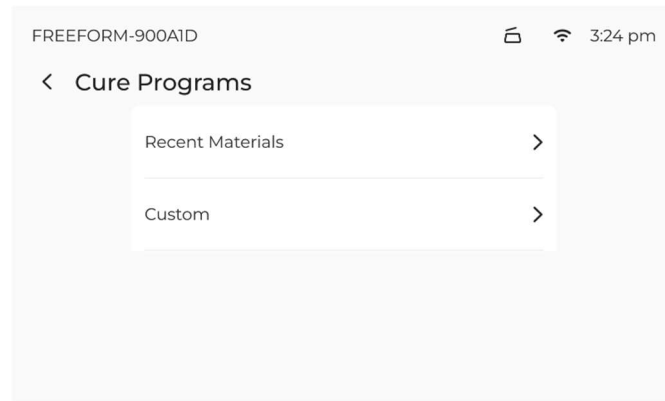
1. Open the lid of the Cure
2. Parts must be dried & blown for effective curing. Place the dried parts in the glass chamber. If there is only one part, centre it in the chamber. If there is more than one part, distribute evenly in the chamber.
3. Close the lid using the sensor.

Prepare a Cure program

Tap the “Cure Programs” button on the touchscreen.

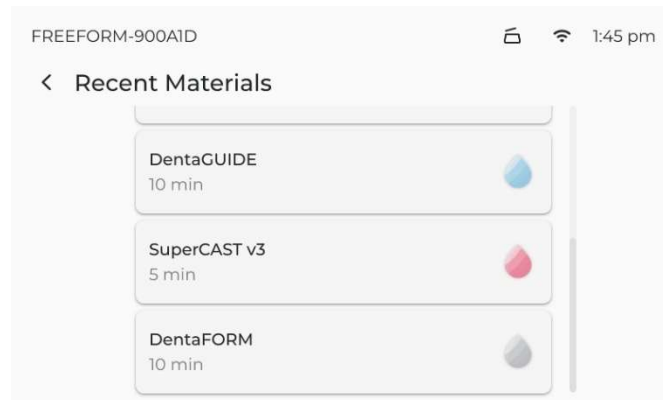


Default Cure Programs options are “Recent Materials” and “Custom”. The list will populate as further programs are used or uploaded, scroll and choose the desired material.



Recent Materials

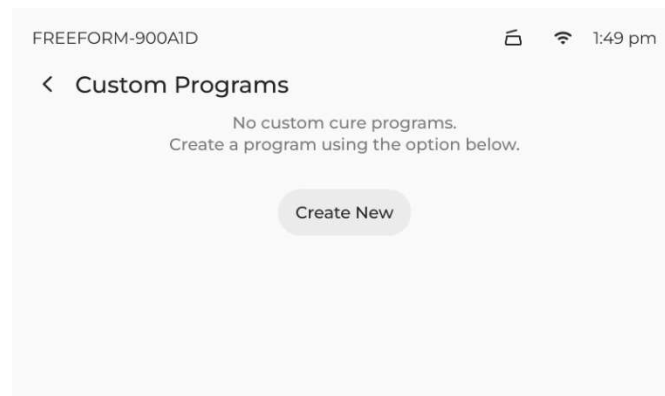
Tapping the “**Recent Materials**” option will display any Cure programs for builds uploaded to an Asiga printer on the same network as the Cure while the unit has been powered on. The list will remain unpopulated until programs have been uploaded. Once uploaded, they will appear on the list, scroll and choose the desired material.



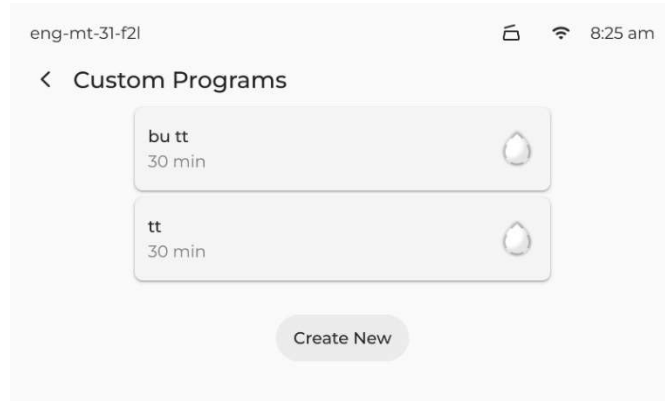
Custom Programs

Tapping the “Custom” button will allow you to create your own program.

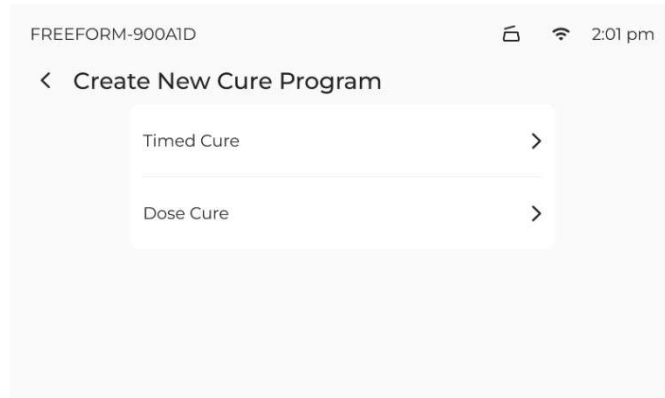
Tap the “Create New” button to get started.



Previous custom programs will be saved in a list

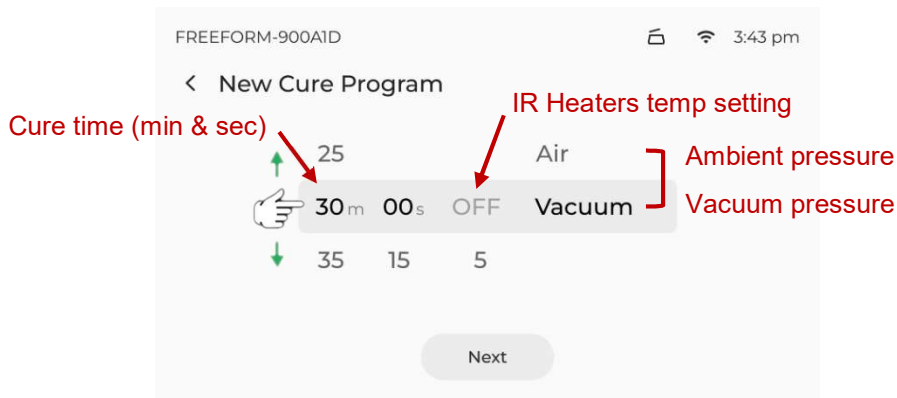


There are two ways to create a new custom Cure Program; Timed Cure and Dose Cure.



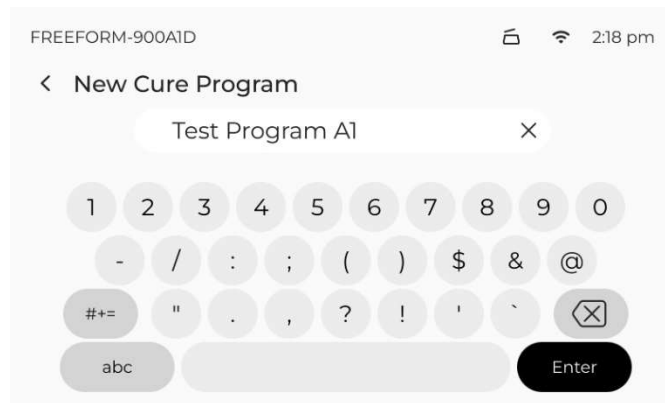
Timed Cure Program

Define the time (in minutes and seconds), the temperature °C set point for the infrared heaters, and whether the chamber is at ambient pressure or using vacuum. Scroll up or down to change each setting as desired.



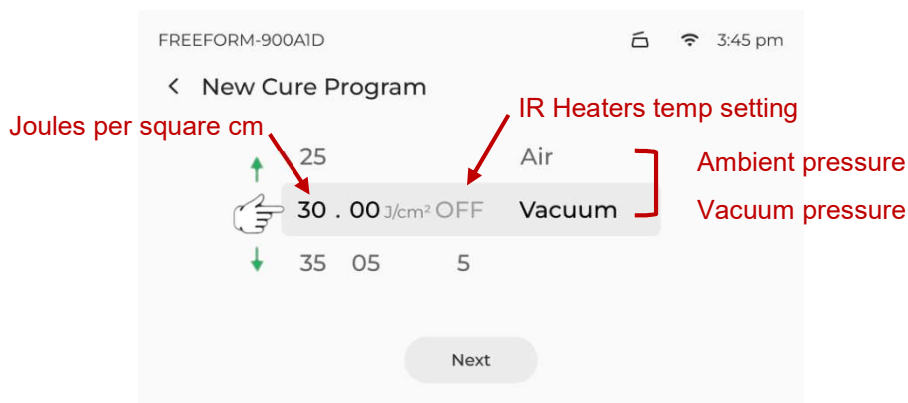
Upon completion of the custom settings, tap the 'next' button at the bottom of the screen.

Use the keyboard to name the new program. Tap 'Enter' when done.

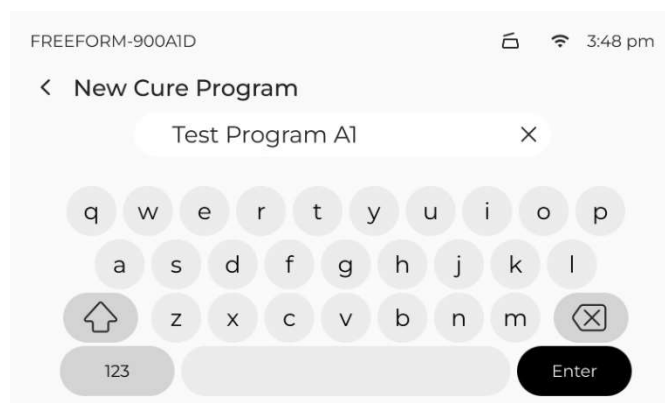


Dose Cure Programs

Define the Joules per square centimetre (J/cm²), the temperature °C set point for the infrared heaters, and whether the chamber is at ambient pressure or using vacuum. Scroll up or down to change each setting as desired.



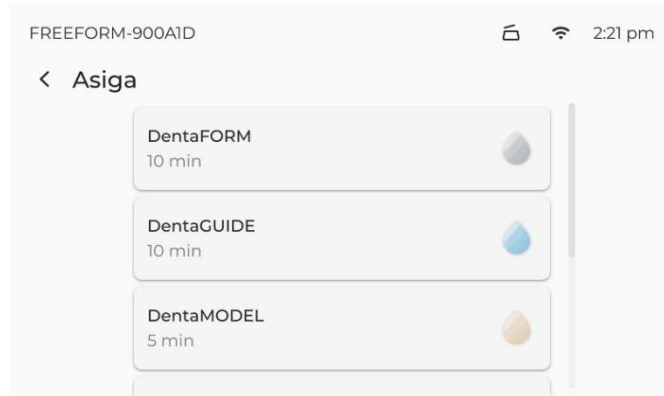
Upon completion of the custom settings, tap the 'Next' button at the bottom of the screen.



Use the keyboard to name the new program. Tap "Enter" when done.

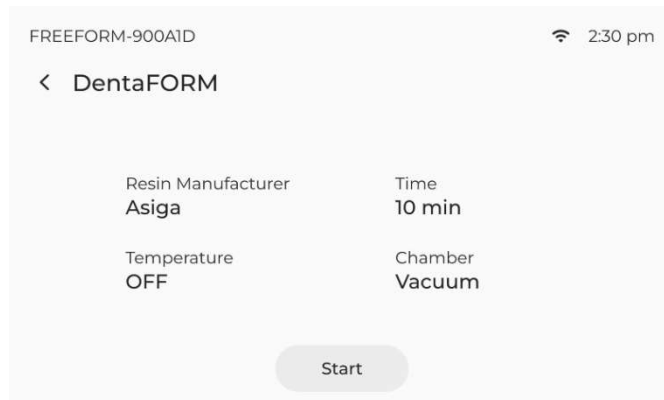
Asiga Programs

Once programs are uploaded, they will populate the Material Provider list, as shown below



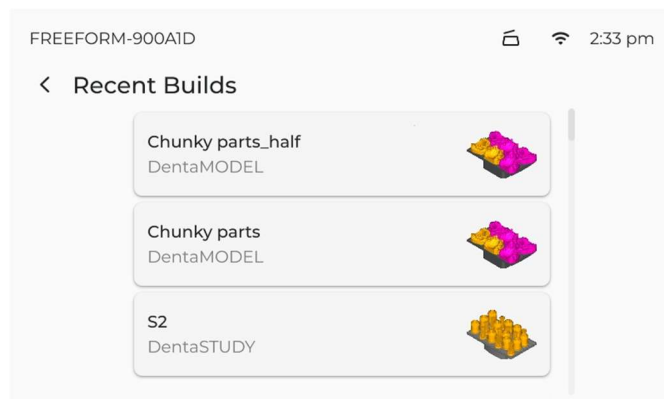
Scroll to select a material type

Tap "Start" to begin the Cure program

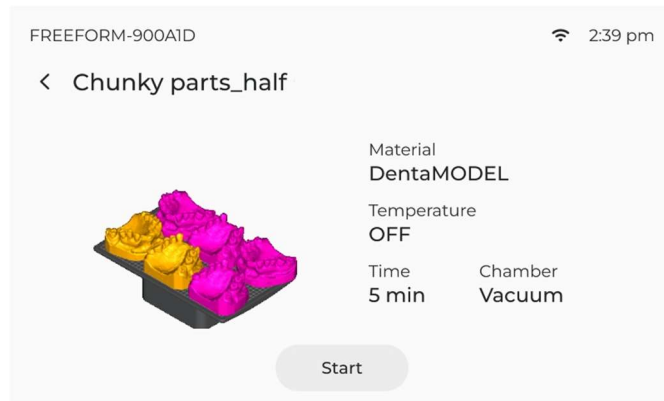


Recent Builds

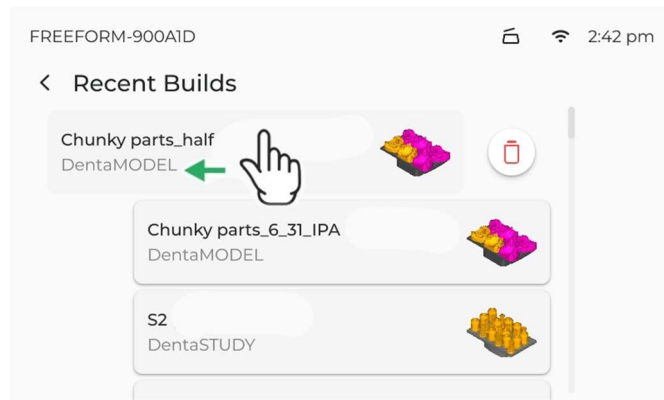
To run recent builds, scroll and select the recent build



Tap “Start” when parts are loaded and ready to cure

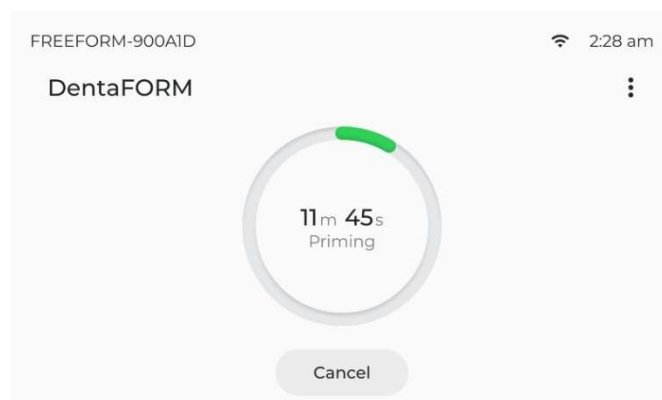


To delete a recent build, swipe the Build to the left and select the Delete Icon

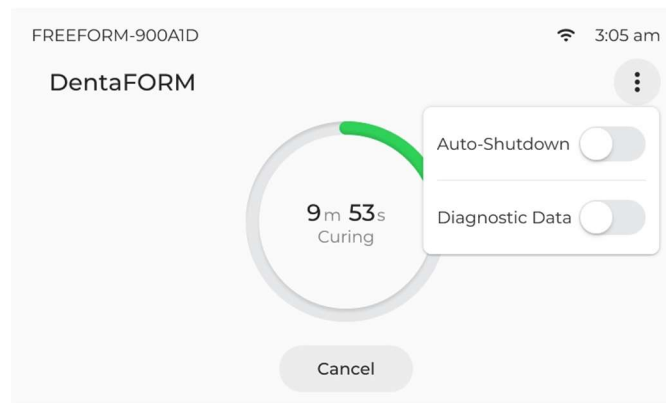


During Curing

The display will show the program chosen and a progress ring



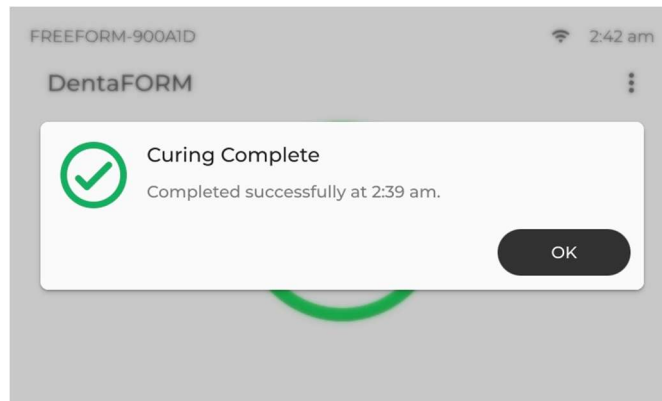
Tapping the 3 vertical dot Icon you can select “Auto Shutdown” or to opt to show “Diagnostic Data”



“Auto-Shutdown” commands the Cure to shut down at the end of the curing process.

“Diagnostic Data” reveals further data with the progress ring, e.g. Temperature or Pressure, dependant on the type of cure.

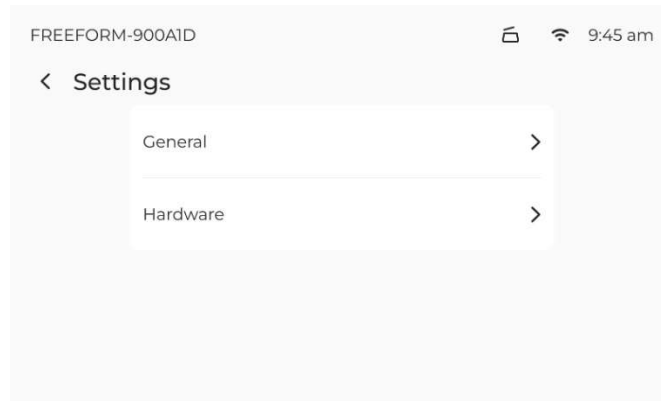
Once the curing is complete, tap “OK”



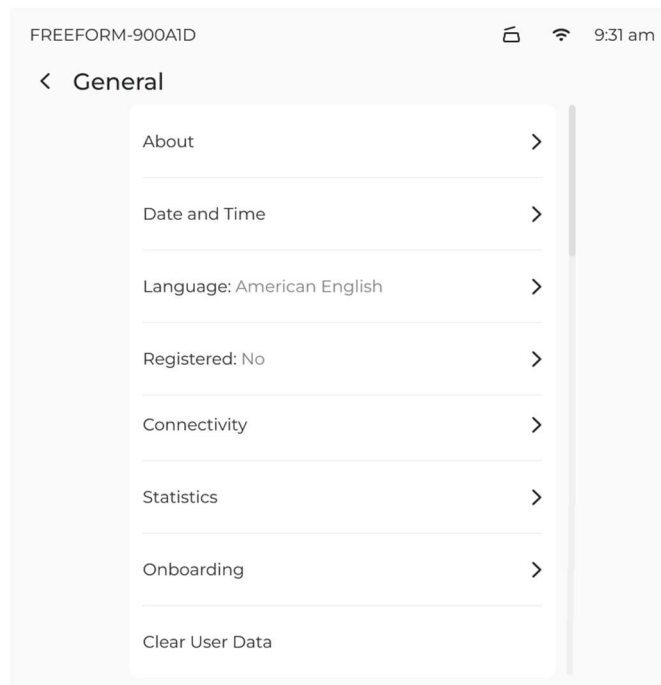
If opting to cancel the Cure, tapping the Cancel Button will cancel the curing.

CHAPTER 4 Settings

Select “General” or “Hardware”

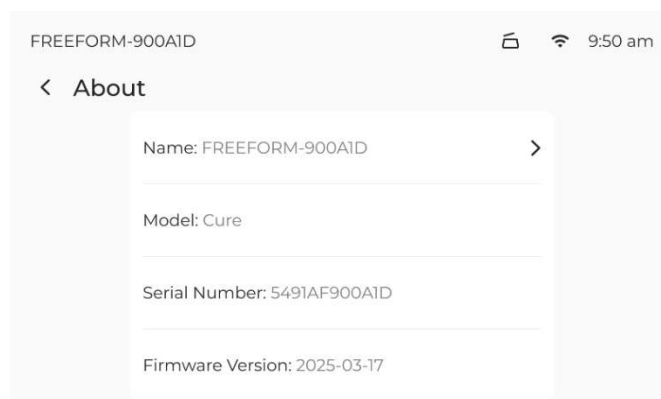


General



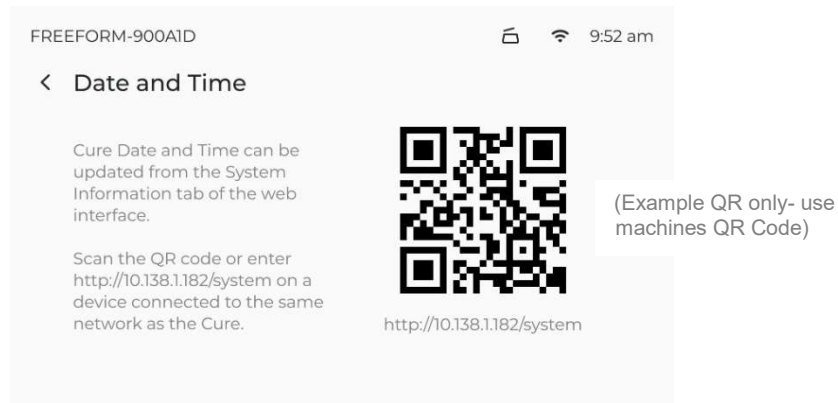
About

Provides information on Name, Model, Serial Number and Firmware Version. Select “Name” to rename the Cure and when complete, tap “Enter” to confirm



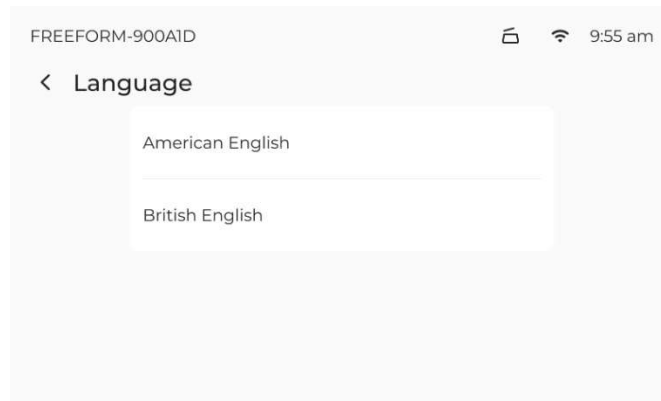
Date & Time

Directs you to the System Information Tab of the web interface



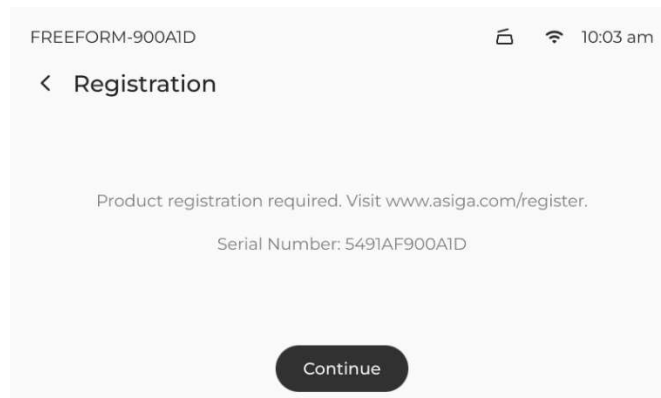
Language

Select a language to update the language preference, select “yes” to confirm



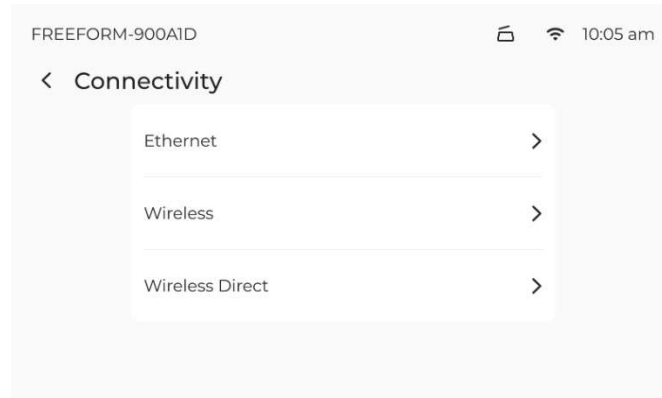
Registered

Product registration is required, if not registered while onboarding tap continue to complete the process



Connectivity

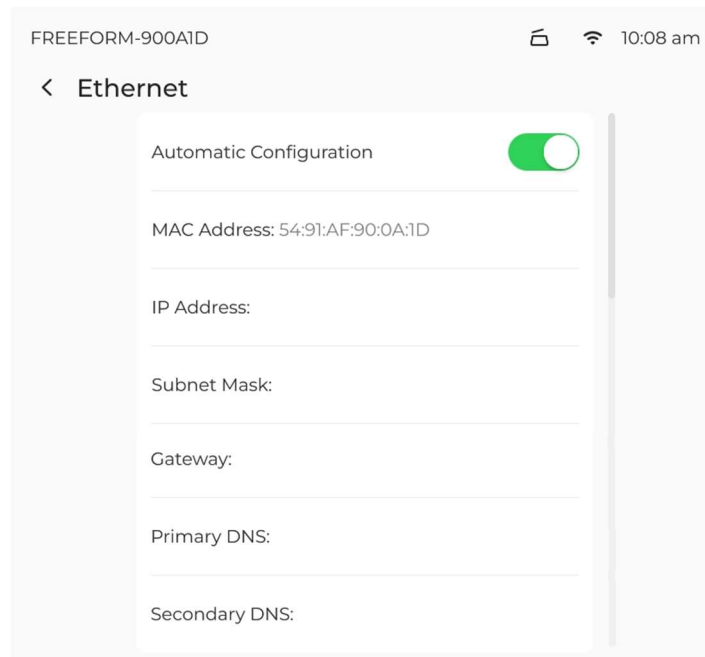
Provides the 3 options for Connectivity, detail follows for each choice



Ethernet Setup

Plug one end of the included network cable (RJ45 connector at both ends) into the Ethernet port at the rear of your Cure. Plug the other end into a hub/switch/router on the same network as your computer and printer. Alternatively, if there is no network, you can plug it directly into your computer.

The default network setting is Automatic Configuration, which allows your network to automatically assign an IP address to the Cure if there is a DHCP server present. If there is no DHCP server present, the Cure will fall back to Automatic IP Addressing to assign an unused address in range 169.254.1.0 to 169.254.254.255 with a subnet mask of 255.255.0.0.



If you wish to assign a fixed IP address to the Cure for Ethernet:

Go to Settings > General > Connectivity > Ethernet

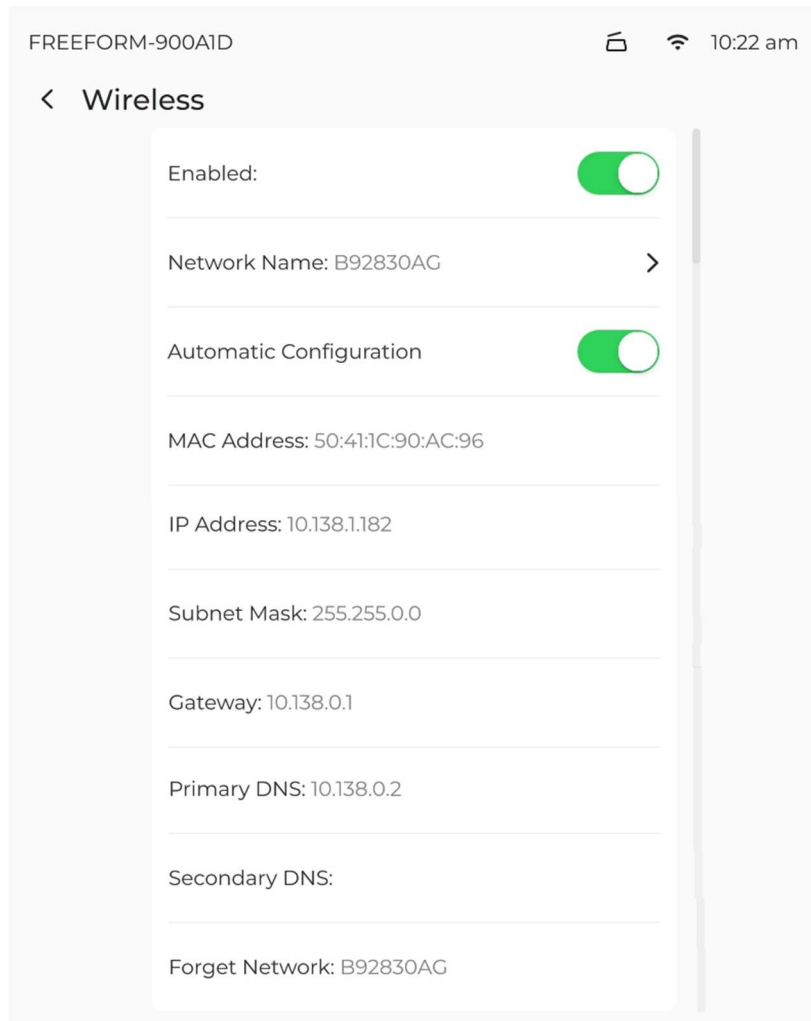
Toggle off Automatic Configuration

Select IP Address, enter the IP address and select Save

Select Subnet Mask, enter the subnet mask and select Save

Setting the Gateway, Primary DNS and Secondary DNS is optional and may be left blank

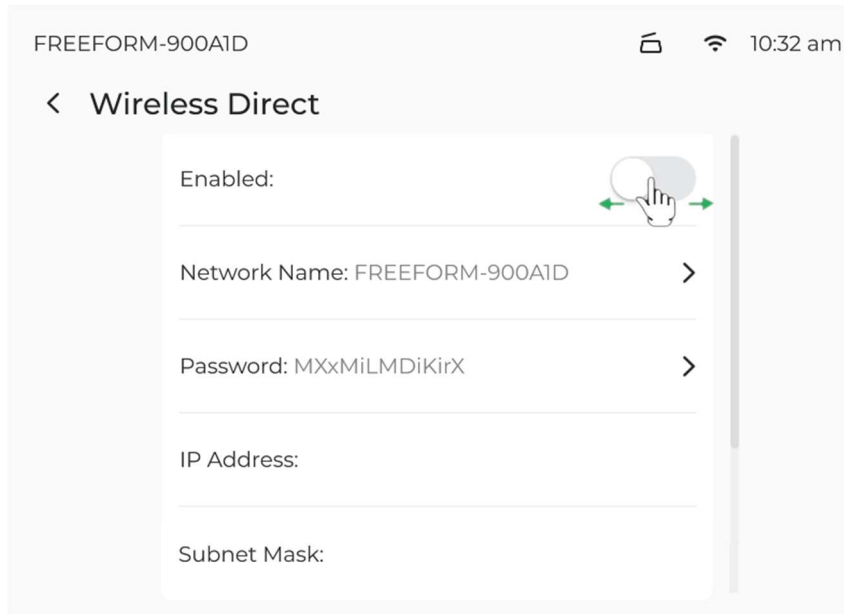
Wireless Setup



1. Go to Settings > General > Connectivity > Wireless
2. Select Network Name
3. Select the desired wireless network from the list. Wireless networks that require a password will have a lock icon shown.
4. If required, enter the password and select Connect. The password will be remembered so that the Cure can reconnect again if the wireless connection is interrupted, the Cure is restarted or the Cure is turned off and on.
5. A spinning circle animation will be shown whilst the Cure is connecting to the network. If the Cure has connected successfully, a tick icon will be shown.

If your wireless network does not have a DHCP server present, you may need to assign a fixed IP address as detailed in the Ethernet Setup section.

Wireless Direct Setup



Wireless Direct allows the Cure to act as a wireless access point for connecting to the printer wirelessly. This may be useful if you do not have a wireless access pointer or router that the Cure can connect to. Note that enabling Wireless Direct will prevent connecting to an existing wireless network using Wireless Setup.

Go to Settings > General > Connectivity > Wireless Direct

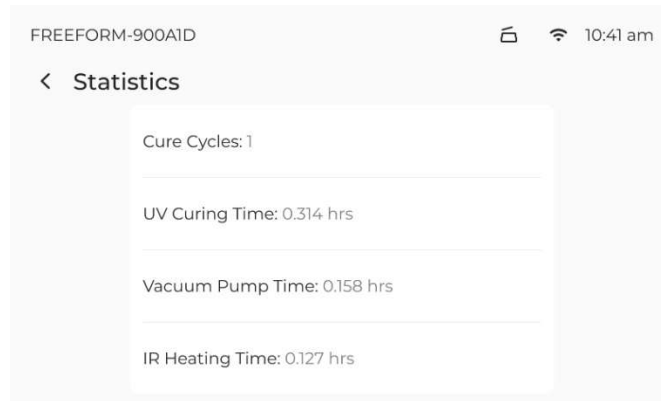
Toggle on Enabled

By default, the Cure will create a wireless network with the name set to the Cure's name and the password will be randomly generated. You can select Network Name or Password to change them.

The Cure will have an IP address of 172.27.10.1 with subnet mask 255.255.255.0. It will also act as a DHCP server and assign IP addresses in the range 172.27.10.2 to 172.27.10.254 to wireless devices that connect to it. The IP address and subnet mask of the Cure cannot be changed when using Wireless Direct.

Statistics

Provides statistics on Cure Cycles, UV Curing time, Vacuum Pump Time and IR Heating Time

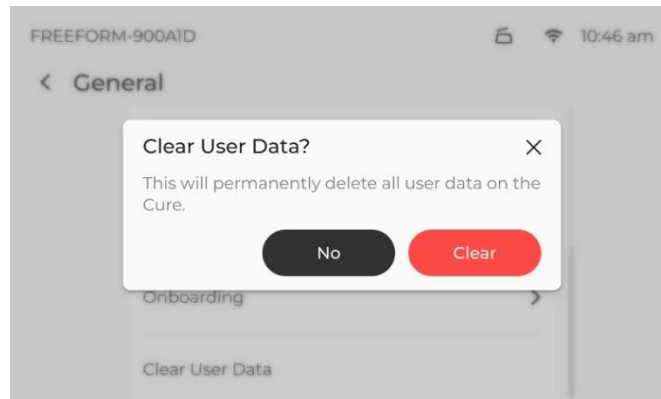


Onboarding

Returns to the onboarding process outlined on Page 8

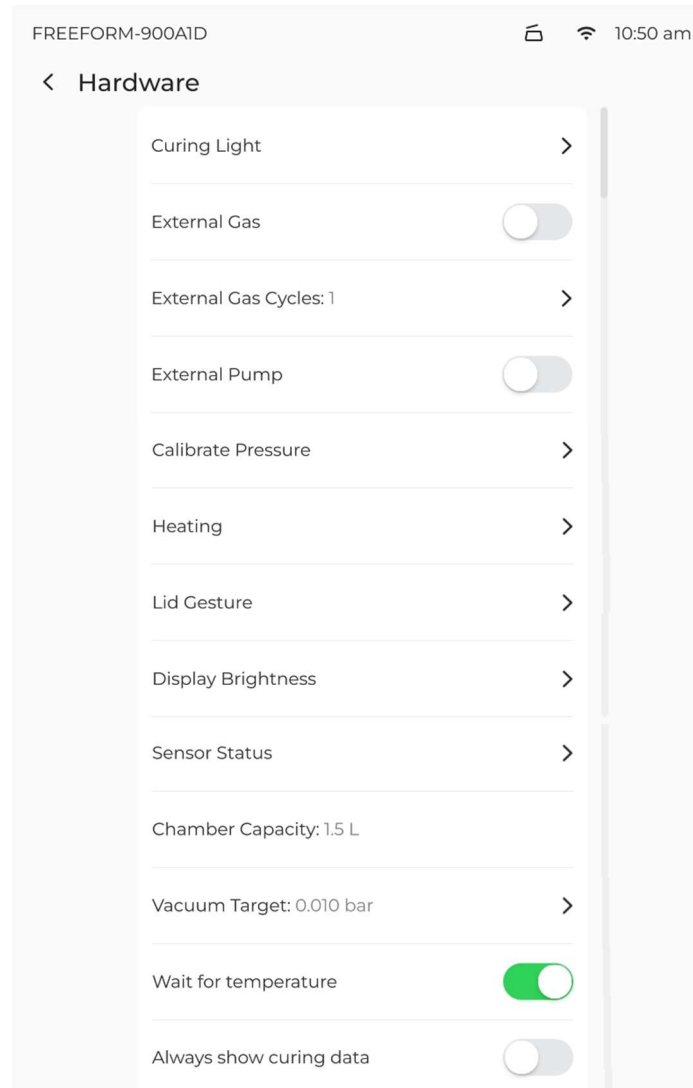
Clear User Data

Permanently deletes user data on the Cure, specifically Builds, Cure Programs, whether a language has been selected and whether the device has been named. Select “Clear” to proceed, or “No” to cancel and return to the General Menu



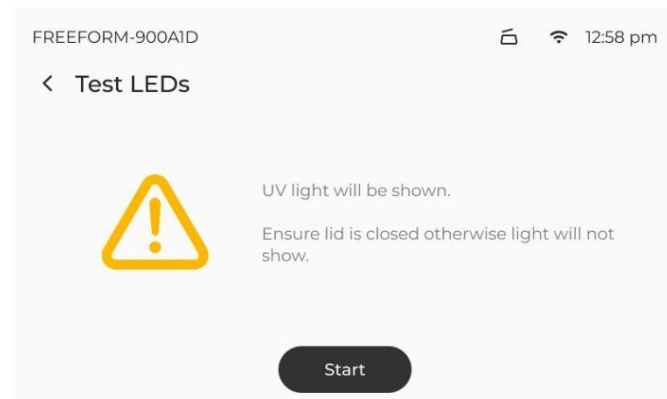
CHAPTER 5 Hardware

Hardware Main Menu

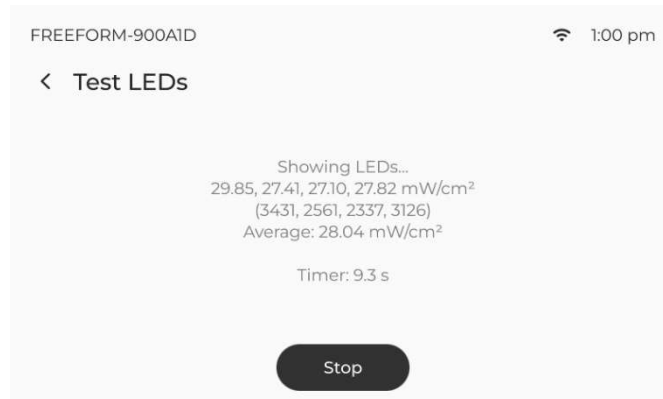


Curing Light

To test LED's, select "Test LEDs", ensure lid is closed and tap "Start"



Light Sensor readings are displayed to confirm that UV LEDs are working
To complete process, tap “Stop”



WARNING

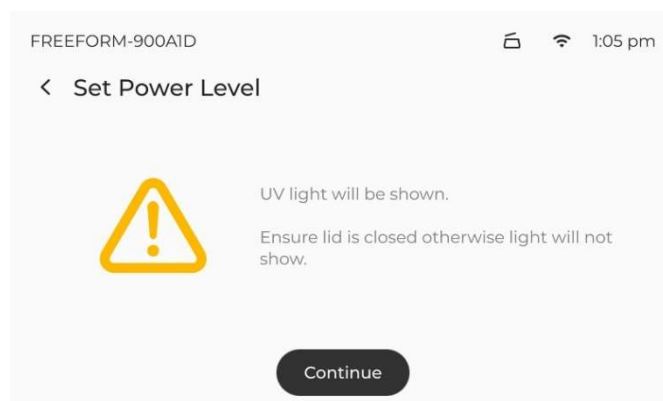
The Cure uses UV light internally, avoiding direct exposure to eyes and skin. Wear UV safety glasses if exposed. Do not override the lid close function or remove panels & turn UV light on as this may expose you to harm



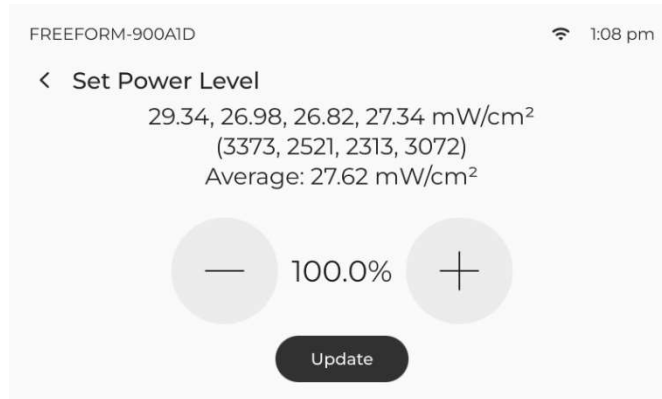
Set Power Level

Setting the LED power level will control the amount of power to the LEDs for Dose or Time cure from the Homescreen and also when using test LEDs in the above “Curing Light” section.

To set the LED power level, select “Set Power Level”, ensure lid is closed and tap “Continue”

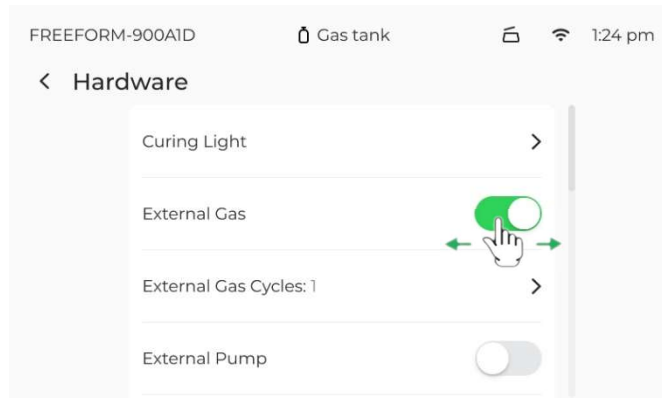


Light intensity and raw sensor readings will be displayed. To increase power, tap the plus “+” button, to decrease, tap the minus “-“ button.



External Gas

Can be toggled on or off.

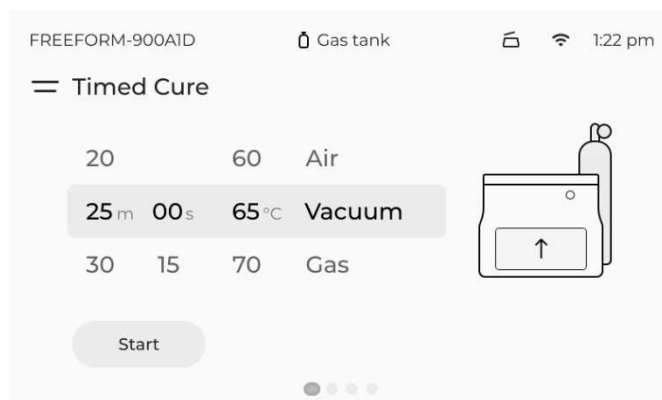


When toggled on, note that:

“Gas Tank” will show on the taskbar

A Gas Bottle will display on the curing home screen

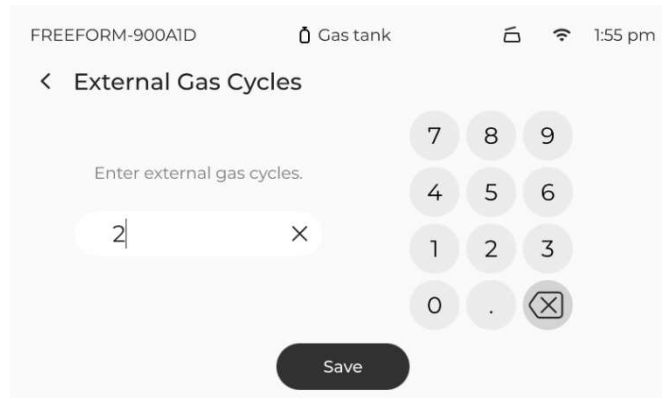
Gas will show as an option for “Custom Programs” (see Pg13)



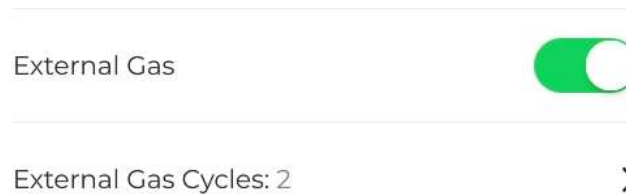
External Gas Cycles

More than one gas cycle can be chosen to reduce the oxygen concentration in the chamber. The default is 1 cycle as displayed on the menu.

Choose the number of cycles required and tap save.



The number chosen will display on the menu.

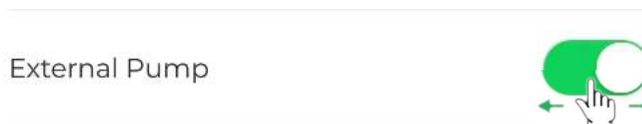


How to attach a Gas Tank

The Gas Tank requires a pressure regulator set to 0.9 to 0.95 bar, e.g. below atmosphere. Connect a 4mm ID & 6mm OD hose to the External Gas Input Port (see Page 5, Item 11)

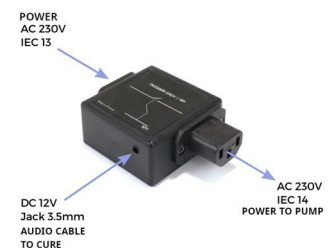
External Vacuum Pump

After attaching an external vacuum pump, toggle the external pump on and before removing, toggle off. When the option is toggled “on”, the internal pump is no longer activated.



External Pump Relay Kit

Asiga (PN/07967) is an External Pump Relay Kit available on the Asiga Website which, when using an external pump enables the Cure unit to turn the external pump on and off. The kit works with 110V to 240V AC and up to 10 amps. Plug into mains power, plug 3.5mm Mono Cable into rear of Cure (see Page 5, Item 10) and then plug the external pump into the kits female power socket.



How to attach an External Vacuum Pump

4mm ID & 6mm OD hose to External Vacuum Port (see Page 5, Item 9)

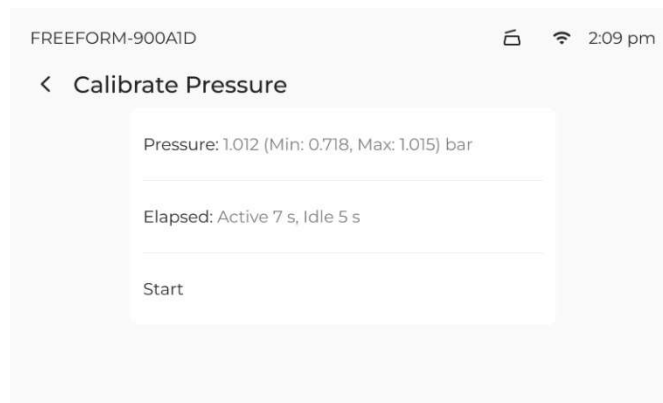
Calibrate Pressure

Calibrate Pressure is used to gather information on how quickly the pump can vacuum, which is used to estimate the total time required when curing.

If external pump option is toggled “on”, it will do this for the external pump.

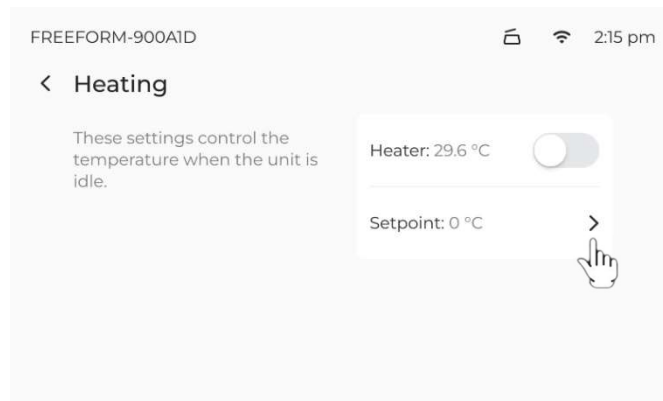
If external pump option is toggled “off”, it will do this for the internal pump.

Tap “Start” to begin the calibration process and the button will change to stop. When the process is complete it will change back to start. Tapping Stop before it completes will cancel the process.

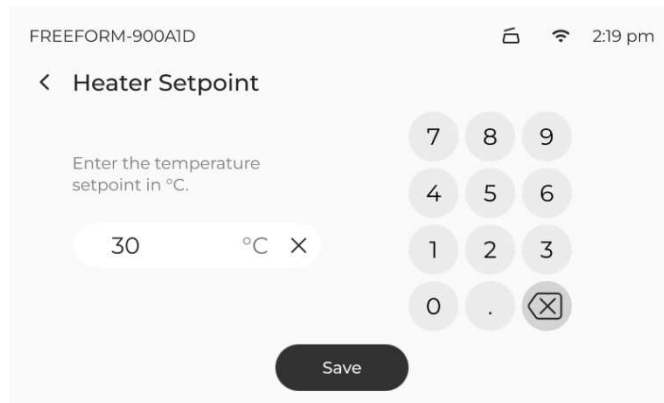


Heating

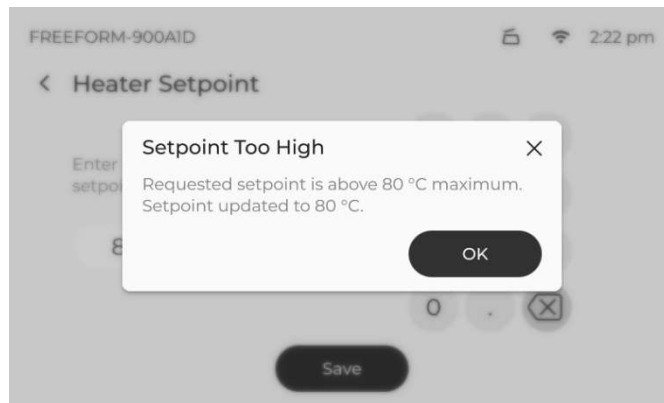
The Cure's current temperature is displayed. To hold a temperature when idle, set the Setpoint and toggle on the heater.



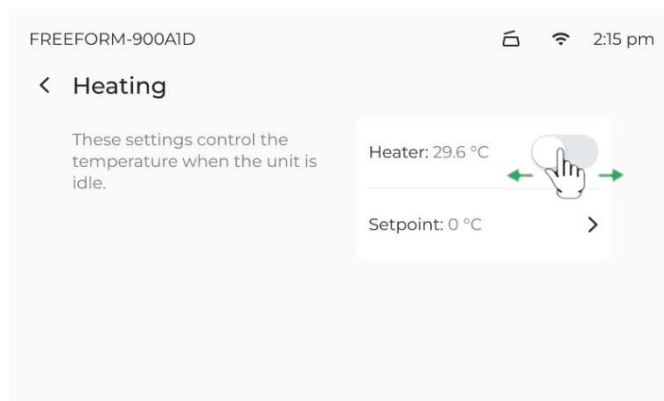
Save the Setpoint



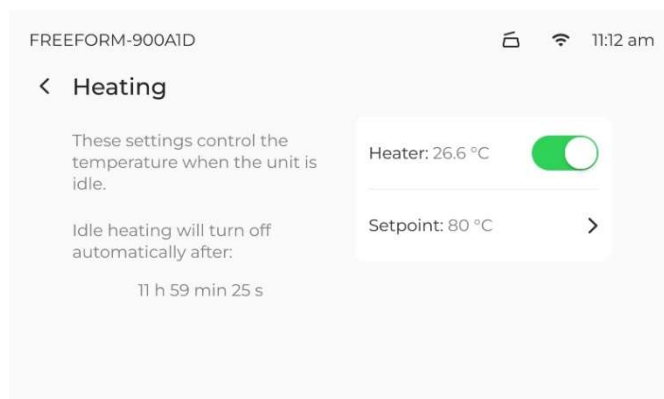
The maximum Setpoint is 80°C, if set too high, the Cure will update to 80°C



Toggle on the heater



Idle heating will turn off automatically after 12 hours, but will not automatically turn off while curing until the curing is complete.



Lid Gesture

The lid sensor is defaulted to be on.

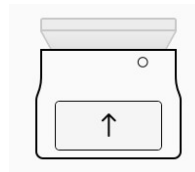
Turn the sensor off, or on, by toggling the button.



Lid Open / Close

The lid can be opened / closed in these ways:

1. Using the Lid Gesture (as above)
2. Tap the arrow on the Homescreen



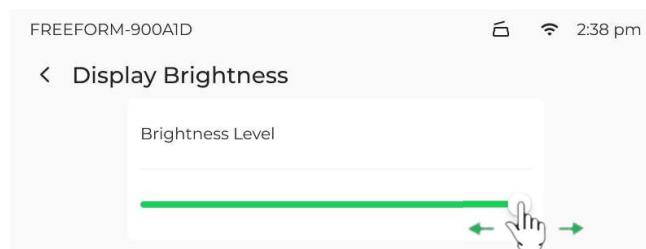
3. Tap the lid Icon on the top bar



4. Use the Lid Manual Override Button to open (see Page 5, Item 4)

Display Brightness

The Display is defaulted to be on full. To change the screen brightness level, slide to desired brightness



Sensor Status

The “Sensor Status” identifies whether the Lid is indeterminate, open or closed and whether the Power Button is pressed.

Chamber Capacity

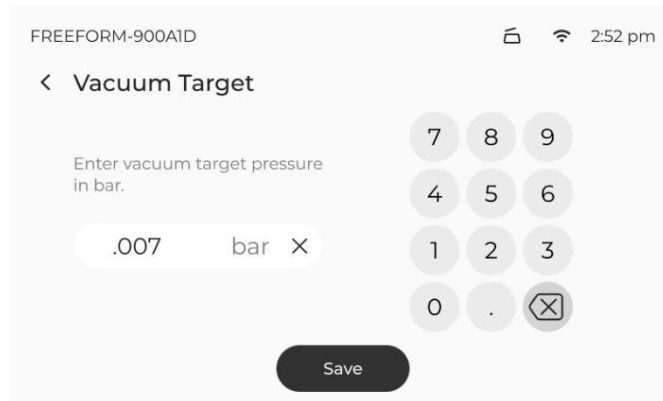
Confirms the chamber capacity of your Cure, as either a 1.5L or 2.5L unit.

Vacuum Target

The default Cure internal pump Vacuum Target is 0.010 bar.

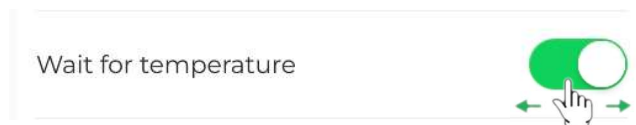
To change, select the right arrow and enter a Vacuum Target pressure.

The lowest pressure available using an external pump is .007 bar, tap “save” for Setpoint



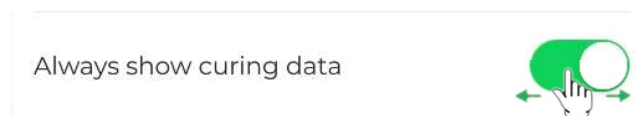
Wait for temperature

Toggle on to enable Cure to “wait for set temperature” to be reached before curing. This is used for “Dose Cure” and “Timed Cure” from the Homescreen and also “Custom” programs created by the user.



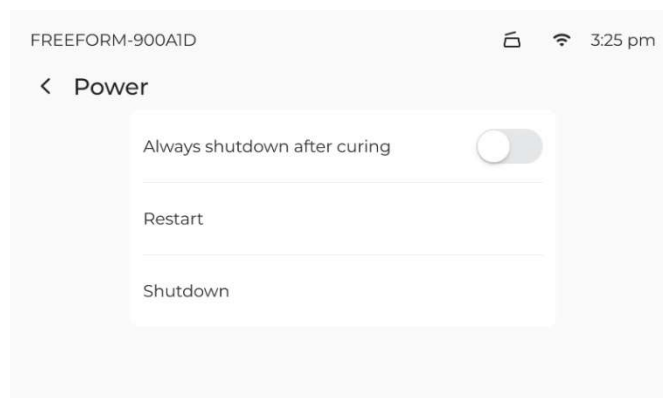
Always Show curing data

Sets “Diagnostic Data” to be on by default



Power

Power settings has 3 options: Always shutdown after curing, Restart & Shutdown



Opt to always shutdown after curing, sets “Auto-Shutdown” to be on by default



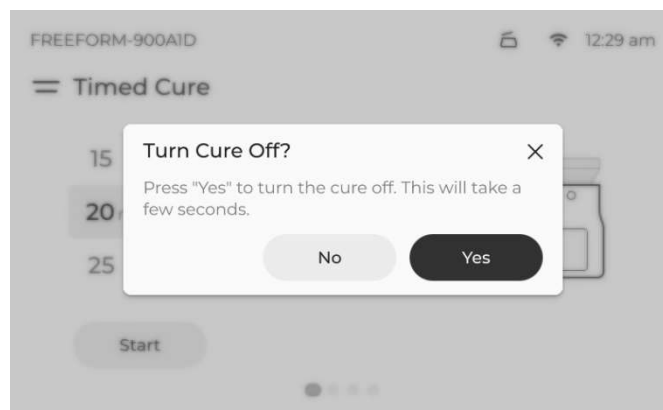
Restart will restart the Cure

Shutdown will shutdown the Cure, which is also achieved by:

Power Off

Press the Power button (see Page 5, Item 1) on the front of the Cure. For the Power button to work, the touchscreen needs to be on the “Menu” page or Homescreen.

Tap “Yes” to turn Cure Off



CHAPTER 6 Web Interface

The Cure runs an internal web server which is visible to web browsers on the same network. This Web Interface presents control screens for interacting with the Cure.

Accessing the Web Interface

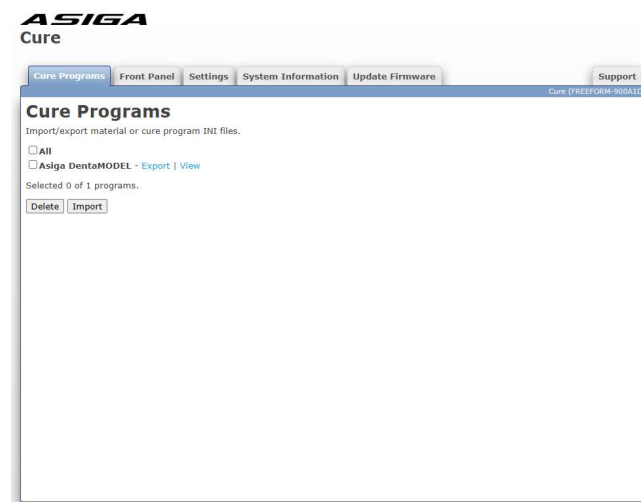
1. There are two ways of accessing the web interface, either from the QR code, or the IP address. Go to Settings > General > Connectivity > (selected network) > Web Interface



1. Open a web browser and type into the navigation bar “http://” followed by either the name of your Cure (Windows only), name of your Cure – followed by “.local”, or the IP address of the Cure
 - a. <http://FREEFORM-D06D10> (Windows only)
 - b. <http://FREEFORM-D06D10.local>
 - c. <http://192.168.1.53>
2. Tap Enter

There are 6 tabs in the Web Interface: Cure Programs, Front Panel, Settings, System Information, Update Firmware and Support

Cure Programs Tab



The “Cure Programs” tab allows you to Import or Export material or cure program INI files

The field shows all cure programs that have been uploaded

By clicking “View”, the INI file can be viewed

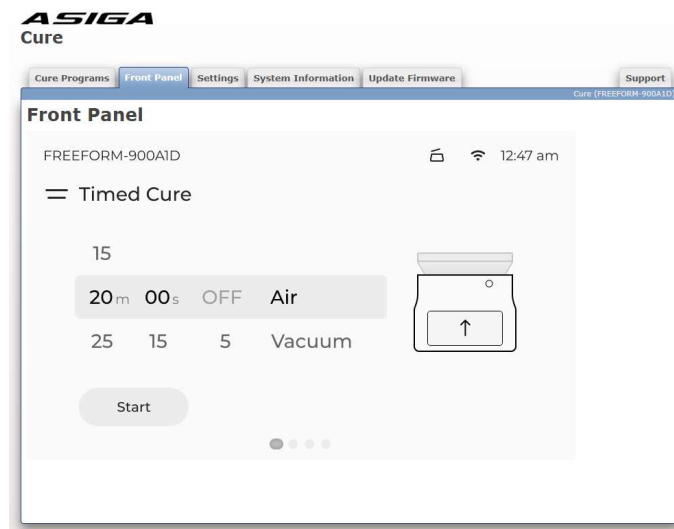
By Clicking “Export”, the INI file can be exported

By Clicking “Delete”, the selected program is deleted

By Clicking “Import, an INI file can be imported

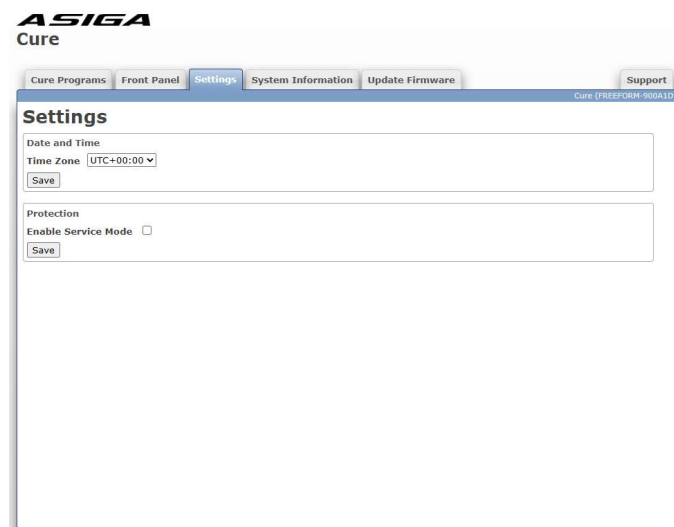
Front Panel Tab

The Front Panel tab allows you to see and remotely interact with the Cure's touchscreen from a web browser running on your computer, tablet or phone. You can interact with the front panel by tapping, releasing and dragging with a mouse on the touchscreen image.



Settings Tab

The Settings tab is used to set the Date and Time of the Cure, or to enable or disable “Service Mode”



Time Zone

You can set the time zone in the Settings tab.
This will be reflected on the Cure.

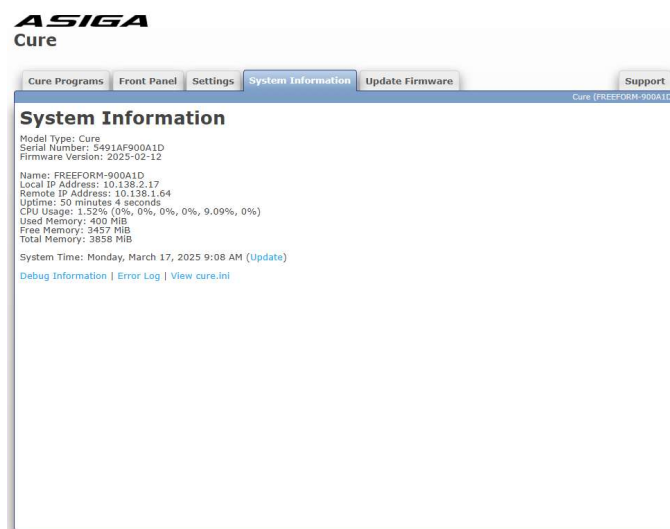
Service Mode

Service mode will allow Service Technicians to access sensitive settings.
Service mode will automatically disable when restarting or shutting down the unit.

Asiga does not recommend engaging service mode unless under supervision of trained technicians or at the direction of Asiga staff.

System Information Tab

The System Information tab displays information about the Cure



Model Type – This will be “Cure”

Serial Number – This will be 12 hexadecimal characters (0-9, A-F). The MAC address of the wired Ethernet interface of the Cure will be the same as the serial number. (e.g. a serial number of 0123456789AB corresponds to a MAC address of 01:23:45:67:89:AB).

Firmware Version – This will be the date the firmware was created (e.g. 2025-02-12) in the format YYYY-MM-DD

Name – The name of the Cure, by default, it is set to FREEFORM-XXXXXX where XXXXXX is the last 6 characters of the serial number.

Local IP Address – The IP address of the Cure whose web interface you are accessing.

Remote IP Address – The IP address of the computer where the web browser is running.

Uptime – The amount of time the Cure has been running.

CPU Usage – Estimate of the percentage of the Cure's CPU utilised. A combined usage and a usage for each CPU core is shown.

Used Memory – Amount of Cure's RAM currently in use.

Free Memory – Amount of Cure's RAM remaining.

Total Memory – Amount of Cure's RAM installed.

System Time – Current date/time on the Cure. The clock runs in Coordinated Universal Time (UTC). For display purposes, a time zone offset can be set in Settings > Time Zone to show the clock in your desired time zone. Clicking the Update link will synchronise the Cure's UTC date/time with the UTC date/time on your computer.

Debug Information – Shows a log of diagnostic messages since the Cure was turned on (including error messages). The address bar of your web browser will show a URL ending in /debug. You can customise the behaviour by adding some parameters to the end of the URL:

- /debug?n=100 will show only the last 100 lines
- /debug?n=20&f=1 will show only the last 20 lines and show additional lines added in realtime. Note that many web browsers will stop showing additional lines if there is no new lines after a certain amount of time. If you are using Firefox you can enter “about:config” into the address bar and change the network.http.response.timeout preference from 300 to 0 so it doesn't stop monitoring if there are no new lines after 5 minutes (300 seconds).

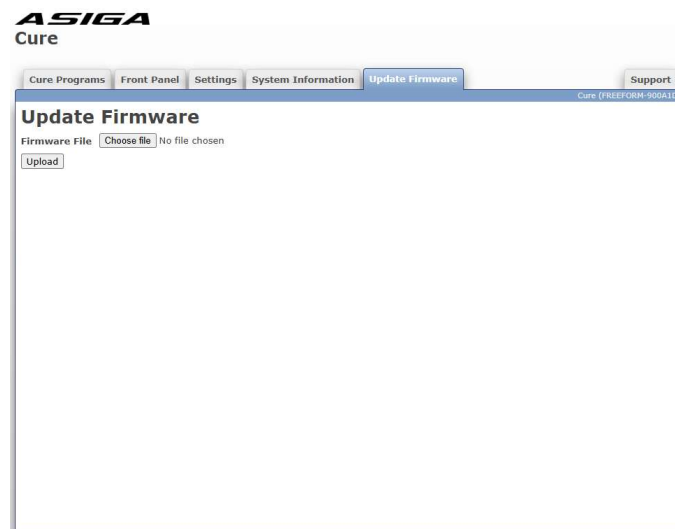
Error Log – Shows a log of error messages since the Cure was turned on. The address bar of your web browser will show a URL ending in /errorlog. You can customize the behavior by adding some parameters to the end of the URL:

- /errorlog?n=100 will show only the last 100 lines

View Cure.ini – Shows the Cure's current configuration

Update Firmware Tab

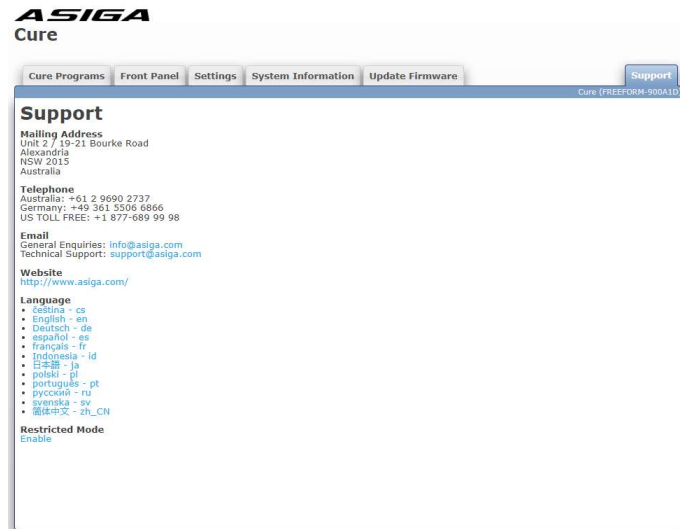
The Update Firmware tab allows you to upload a new firmware file onto the Cure.



Firmware files have the file extension “.fw”. You can click Browse to select a firmware file and then click Upload to upload it. The Cure will verify the firmware is valid and if it is, it will be added to the list of firmware in the System > Firmware Version menu on the front panel. You can then select the desired firmware from the Firmware Version menu to update to the selected version. The Cure will keep the 5 most recently uploaded firmware files.

Support Tab

The Support tab provides contact details for obtaining support from Asiga for the Cure and also provides an option to change the language of the web interface.



The selected language is stored in a cookie in the web browser. If no language has been selected or the web browser cookie is not present, the web browser's default language will be used if available.

The support tab also allows you to enable or disable Restricted Mode.

Restricted Mode

Restricted Mode allows you to set a password to make the Front Panel tab read-only, hide the Settings tab and disable updating the Cure system Time. This may be useful to lock down the Cure to prevent users from modifying critical settings.

Restricted Mode
Enable

Clicking the Enable link will pop-up a dialog prompting you to set a password by typing it twice and clicking OK. If the passwords don't match, the OK button will not be disabled and you will not be able to continue.

The screenshot shows a dialog box titled "Set Password". It contains two text input fields: "New Password" and "Confirm Password". Below the input fields are two buttons: "OK" and "Cancel". The dialog box has a close button (X) in the top right corner.

After clicking OK, the Enable link changes to Disable.

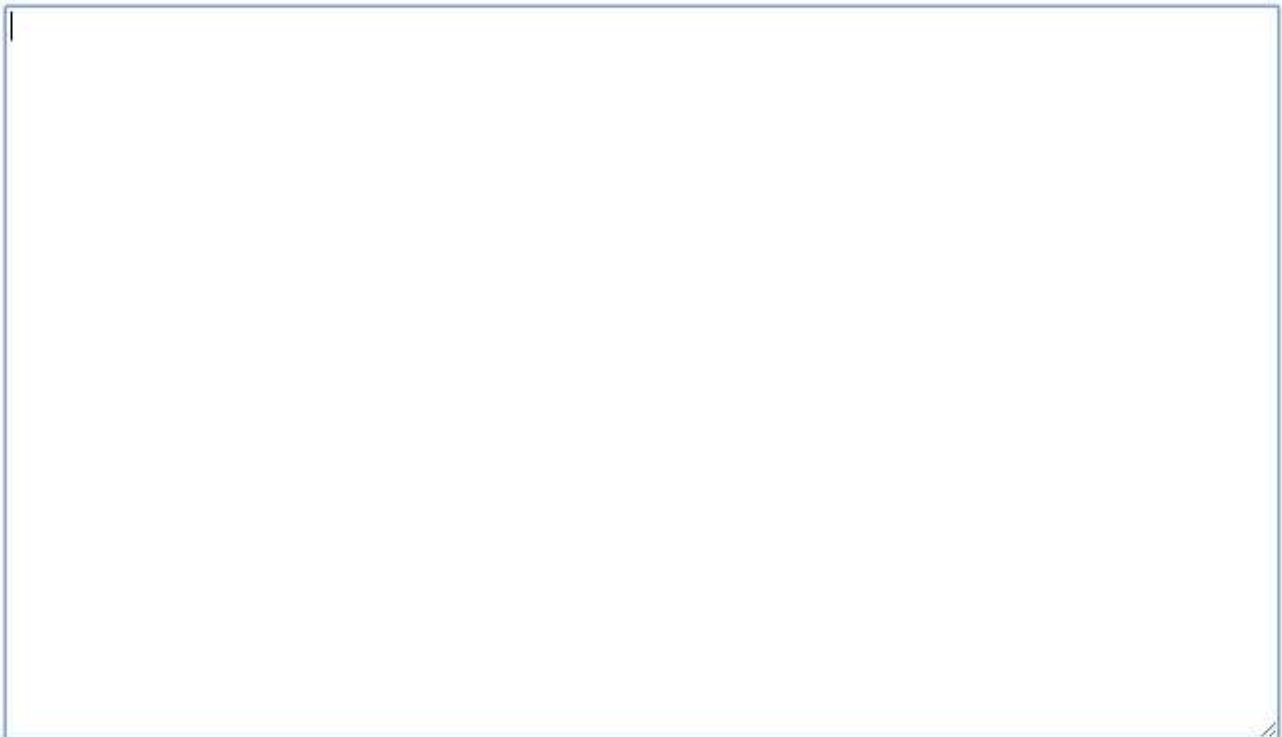
Restricted Mode
Disable

Clicking on the Disable link will prompt for the password. You can proceed with disabling Restricted Mode by either entering the password you set to enable Restricted Mode or entering the activation code from www.asiga.com/register that was used to register the Cure (in case the password was forgotten).

A dialog box titled "Enter Password" with a close button (X) in the top right corner. It contains a text input field labeled "Password" and two buttons at the bottom: "OK" and "Cancel".

Policy Editor

The Front Panel of the Cure can be customised using the policy editor. For example, menu options can be disabled or hidden in order to prevent settings changes by operators in a production environment. By default, no policy is configured, so all menu items are accessible as normal. The policy editor can be accessed by clicking on the Build Queue tab of the web interface and then replacing /queue in the web address with /policy.

A large, empty rectangular text box with a thin blue border, intended for entering a policy.

Save

The policy can be typed into the text box and applied by clicking Save. It will be applied immediately. If a text box and Save button is not shown, you need to disable Restricted Mode.

Here is an example policy that can be copied and pasted into the text box:

```
; Policy for Front Panel
[Policy]
; This setting can be set to FALSE to disable the entire policy instead of clearing the
policy
Enabled="TRUE"
[Front Panel]
; Hide the Restart menu item
Power/Restart/Visible="FALSE"
; Disable toggling External Pump
Settings/Hardware/External Pump/Enabled="FALSE"
; Disable changing the Cure name
Settings/General/About/Name/Enabled="FALSE"
; Hide the language
Settings/General/Language/Visible="FALSE"
; Comment lines start with a semi-colon and can contain any text
; Additional comments
; More comments
```

Lines starting with a semi-colon are comments that are ignored and can be located anywhere in the policy. You can add/remove them as desired.

You can add/remove lines from the [Front Panel] section of the example policy to do further customization.

Lines are of the format Path/Option=Value.

- Path – the path to menu item. This can be found by setting the language to “American English” and then noting down the names of the menu items you need to press to get to the item. For example to get to Name you need to press “Settings”, followed by “General”, then “About”, then “Name”. You join them together with the “/” character to get “Settings/General/About/Name” which is the path. If the menu item has a colon, everything from the colon onward is excluded when forming the path (e.g. the path for “Settings/General/About/Name: FREEFORM-123456” is “Settings/General/About/Name”).
- Option – this can be either “Enabled” or “Visible”
 - Enabled – controls whether the menu item can be pressed or modified
 - Visible – controls whether the menu item is visible
- Value – this can be either “TRUE” or “FALSE” (be double to include the double quotes when entering it into the policy)

CHAPTER 7 Servicing

Service Mode

Service Mode shows all calibration and maintenance settings.

By default items such as radiometer calibration are hidden from users.

The Cure will indicate being in Service Mode by showing a red/white banner in the Status bar.

Service Mode will be automatically disabled when the Cure is shutdown or restarted.

Enabling Service Mode is completed through the web interface.

To enable Service Mode, select the option in the web interface of your Cure.

Ensure Settings > Protection > Enable Service Mode is checked and tap the Save button.