

— **Maintenance Guide**

Version 2.1AU

# Reform Your Youth



## ULTRAFORMER III

### MMFU

Micro and Macro Focused Ultrasound  
Non-surgical Lifting, Tightening & Contouring System

**Cryomed**  
Aesthetics

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# Components and Features



**Main Body**



**Monitor**



**Screws (2x)**



**Cartridge**



**Hand-piece (2x)**



**Cartridge Storage Lid**



**System Access Key**



**Monitor Cable**  
(Attached to Main Body)



**AC Power Cable**

# ULTRAFORMER III

## MAINTENANCE

The following guidelines are intended for active management of the ULTRAFORMER III Main Body. Refer to these instructions for a successful maintenance of the ULTRAFORMER III and its components.



# Maintenance Procedures

## Cleaning the Main Body and Hand-pieces

**When cleaning the ULTRAFORMER III and its components, ensure that the System is turned OFF and disconnected from a power source for safety purposes.**

### Main Body

- Cleaning the Main Body is recommended every 2 weeks or on a regular basis.
- Apply 50-70% isopropyl alcohol on a soft cloth and proceed to clean.
- Wipe the smudges and any dirt from the exterior.

### Hand-pieces

- Cleaning the Hand-pieces is recommended every 2 weeks or on a regular basis.
- Clean and sterilize the Hand-pieces with a standard 50-70% isopropyl alcohol prep pad.
- Clean and dry the window surface of the Cartridge with care to ensure no physical damage is incurred.
- Check that the window of each Cartridge has no remaining ultrasound gel residue at all times.

 Keep the ULTRAFORMER III Main Body, Hand-pieces, and Cables dry and out of direct contact with any liquids.



# Maintenance Procedures

## Storage of the ULTRAFORMER III

Ensure to always store the ULTRAFORMER III under the following environmental conditions:

### Operating Environment

- Temperatures of 10°C-35°C
- Relative Humidity of 0%-90%
- Air Pressure of 700hPa-1060hPa

### Shipping and Storage

- Temperatures of 5°C-60°C
- Relative Humidity of 0%-90%
- Air Pressure of 500hPa-1060hPa

Ensure to allow a clean, safe and sufficient working space for practitioners to operate the ULTRAFORMER III. Refer to the following System dimensions.



# Cartridge Management

## Storage of Cartridges

**When replacing a Cartridge to apply treatment or when Cartridges are not being used, ensure to always store the Cartridges under the following conditions:**

- Before storing the Cartridges into the Main Body, check that the window of each Cartridge has no remaining ultrasound gel residue.
- Store the Cartridges in the Cartridge Storage of the Main Body to avoid physical damage or exposure to dust particles and sunlight.
- Cartridges that cannot be stored in the Main Body (MF Cartridges) should be stored in a cool and dry environment without direct exposure to dust particles and sunlight.



# Cartridge Management

## Changing Cartridges

**Before connecting or disconnecting the Cartridge from the Hand-piece, ensure that the System is turned OFF for safety purposes.**

### Connecting Cartridges

Each ULTRAFORMER III Hand-piece is fitted with Cartridges for applying treatment to skin.

For successful connection of the Cartridge to the Hand-piece, align the Cartridge with the Hand-piece and proceed to connect.

A clicking sound should occur once the Cartridge and Hand-piece are connected properly.



### Disconnecting Cartridges

For successful disconnection of the Cartridge from the Hand-piece, press the buttons on both sides to release the lock with caution.

A clicking sound should occur once the Cartridge and Hand-piece are disconnected properly.

Slowly remove the Cartridge from the Hand-piece.



# Precautions

## Precautions for Hand-pieces and Cables

### Proper Placement of Hand-pieces

Ensure that Hand-pieces are properly placed into the Hand-piece Holders for the Automatic Recognition to function accordingly and to avoid possible physical damage from occurring.



### Precautions for Cables

Ensure that Cables are not entangled to avoid safety hazards from occurring.

To prevent the Hand-piece Cables from tangling, attach the cables from near the end of the outlets to the Slot Holder located beneath the Hand-piece Holders.



# Precautions

## Precautions for the System

### Precautions for an Idle System

If the ULTRAFORMER III has been idle for extensive periods of time, it may require some precautionary measures.

- Check the condition of the Cartridges before use.
- Ensure that there are no dust particles or dirt on the window of the Cartridges.
- Ensure all cables are connected properly to the Main Body.
- Conduct a test shot to ensure proper functioning of the Hand-pieces.



### Procedures with the System OFF

Turn the System OFF as a precaution for the following procedures:

- Connecting or disconnecting components from the Main Body
- Moving the device from one location to another

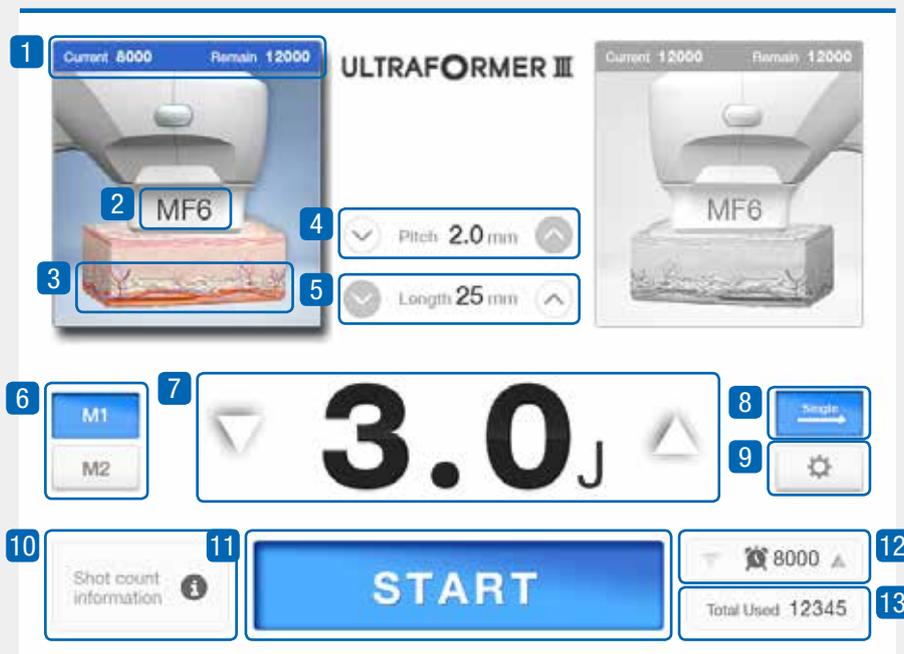
\*To turn the System OFF properly, turn the key counterclockwise and proceed to press the 'O' symbol on the AC Power Switch before disconnecting from the power outlet.



# Operational Guideline

## Graphical User Interface (GUI)

The Graphical User Interface displays a combination of functions necessary for effective operation of the ULTRAFORMER III.



No.	SYMBOL	DESCRIPTION
1		Used & remaining shot counts (Ex: 8000 used shots, 12000 remaining shots)
2		Cartridge information (Ex: MF6-6.0mm Cartridge)
3		Skin layer image
4		Current pitch setting displayed per Cartridge Adjustable by User between 1.0-2.0mm in increments of 0.1mm

# Operational Guideline

## Graphical User Interface (GUI)

No.	SYMBOL	DESCRIPTION
5		Current length setting displayed per Cartridge Adjustable by User between 5-25mm in increments of 5mm
6		Set preset values for M1 / M2 buttons Set preset values by pressing down on the M1 / M2 buttons for 3 seconds
7		Current energy setting displayed Adjustable by User between 0.1-3.0J/cm <sup>2</sup> in increments of 0.1J/cm <sup>2</sup>
8		Press button for single shot Press button for repeat shots
9		System preferences for Volume & Factory Reset
		
10		Records shot count information
11		System status: START/STANDBY button
12		Shot Count Setting Alarm Adjustable alarm setting for shots. A beeping sound occurs to notify the User when value reaches 0.
13		Total shots used in session after System ON (Ex: 12345 shots used in total after System ON)

# Operational Guideline

## Shot Count Interface

Back to Main Screen

Shot Count Information  
Displays shots used by Cartridge and a total shot count

Cartridge	Shot count
L4-4.5	1200
L7-3.0	800
L7-1.5	600
<b>Total used</b>	<b>2600</b>

Clear Button  
Resets saved information of shot counts

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## Settings Interface

Back to Main Screen

Setting

Sound  
Adjustable by User between 0-5

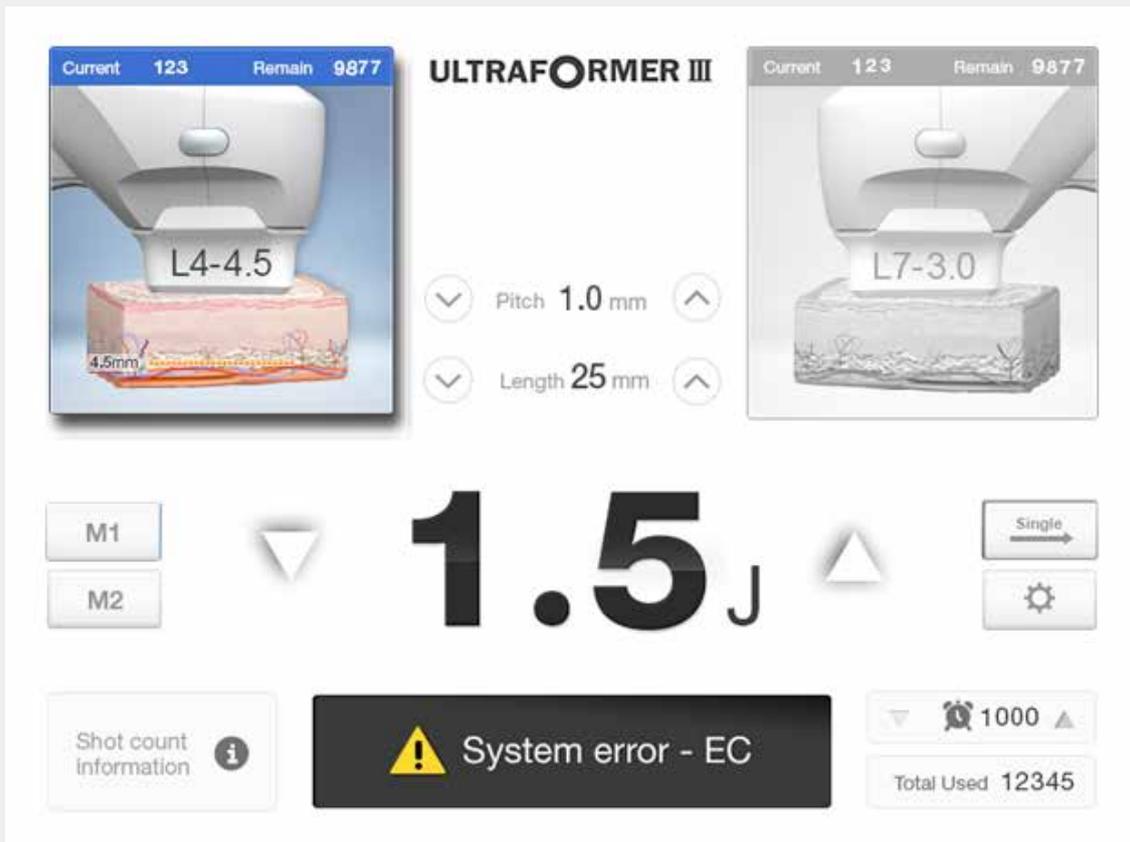
Factory Reset  
If pressed all saved settings will be reset

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# Troubleshooting

## Standard Troubleshooting Procedures

The ULTRAFORMER III is designed with internal checks to ensure that all aspects of the equipment are functioning accordingly. Refer to the troubleshooting chart in this section when system errors occur.



*Example of an error occurring on the Graphical User Interface*

# Troubleshooting

## Troubleshooting Chart

No.	ERROR MESSAGE	DESCRIPTION & CORRECTIVE ACTION
1	 Check HP-CF  Check HP-ME	<b>Error in resetting Cartridge calibration has been detected.</b> <ol style="list-style-type: none"><li>1. Check that the Cartridge is properly connected to the Hand-piece.</li><li>2. Reconnect the Cartridge to the Hand-piece.</li><li>3. Connect a new Cartridge to the Hand-piece.</li><li>4. If the problem persists, please contact your local distributor or CLASSYS Inc.</li></ol>
2	 Check HP-MS	<b>Malfunction of the motor motion in the Hand-piece has been detected.</b> <ol style="list-style-type: none"><li>1. Check that the Cartridge is properly connected to the Hand-piece.</li><li>2. Replace the currently active Hand-piece.</li><li>3. If the problem persists, please contact your local distributor or CLASSYS Inc.</li></ol>
3	 System error - F1  System error - F2	<b>Malfunction of the fan rotation in the Main Body has been detected.</b> <ol style="list-style-type: none"><li>1. Turn the System OFF and restart.</li><li>2. If the problem persists, please contact your local distributor or CLASSYS Inc.</li></ol>
4	 System error - EC	<b>Malfunction of the hardware in the Main Body has been detected.</b> <ol style="list-style-type: none"><li>1. Restart the device and connect the new Cartridge to the Hand-piece.</li><li>2. If the problem persists, please contact your local distributor or CLASSYS Inc.</li></ol>

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Refer to additional training material for the proper and professional use of the ULTRAFORMER III.

- Installation Guide
- Treatment Guide
- Quick Operation Guide
- Operation Manual

For further enquiries contact:

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## MAINTENANCE GUIDE

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