

APILUS

SENIOR 3G



Introduction



Apilus Senior 3G - A proven technology

Used for over 25 years in thousands of salons worldwide
Manufactured by Dectro International in Canada



Presentation Outline



1. Plugging in the device
2. Basic configurations
3. Technical Applications
4. Other functions

Plugging in the device

Output connectors



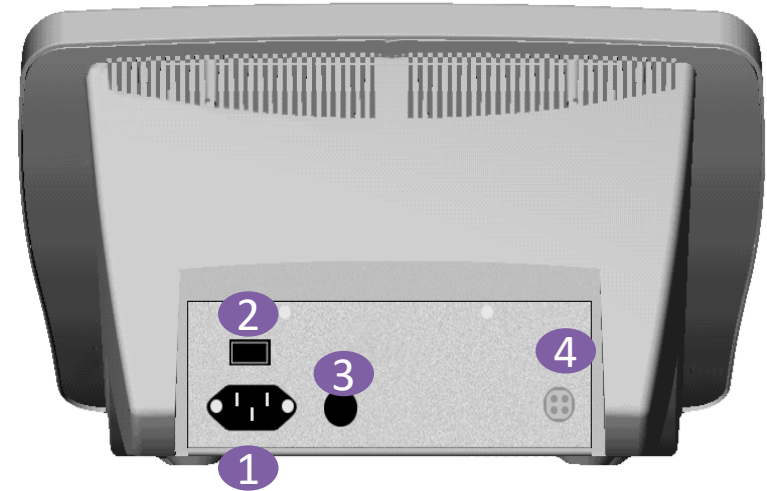
1. Connector for plate electrode (inactive)
2. Connector for probeholder A
3. Connector for probeholder B
4. Connector for VitaPhase **(Not available in USA)**
5. Connector for black cable and active electrode (roller)

Plugging in the device

Back of Unit



1. Power inlet connector
2. On/Off switch
3. Fuse holder
4. Footswitch connector



Probe-Holder Connection



Two Possibilities

- Regular
- Short



Cable Connections



Red Cable

- To be connected with plate or bar electrode
- To be used with
 - Auto Mode
 - Blend Modes and Tolerance test
 - Pure Galvanic current
 - Moisture Test
- The red light over the red connector will light up when this electrode is needed.
- Always place a wet sponge on the electrode.



Cable Connections



Black Cable

- To be connected with the roller electrode
- To be used with
 - Anaphoresis
 - Cataphoresis
- The red light over the black connector will light up when this electrode is needed.
- Always use a water-based product on the skin.
- **Not available in USA**



Configuration



Name of salon

- Personalisation of the epilator

Language selection & Program

- French, English, Spanish, Italian, German

Sound signal

- 2 tonalities (high – when function key is pressed; low – end of treatment)
- Volume level (0 to 9 – mute to high)

Date & hour adjustment

Hair counter & total amount of hours used



Probe Selection



Probe Selection

- Insulated or Non-Insulated



Pro-Tec Probes

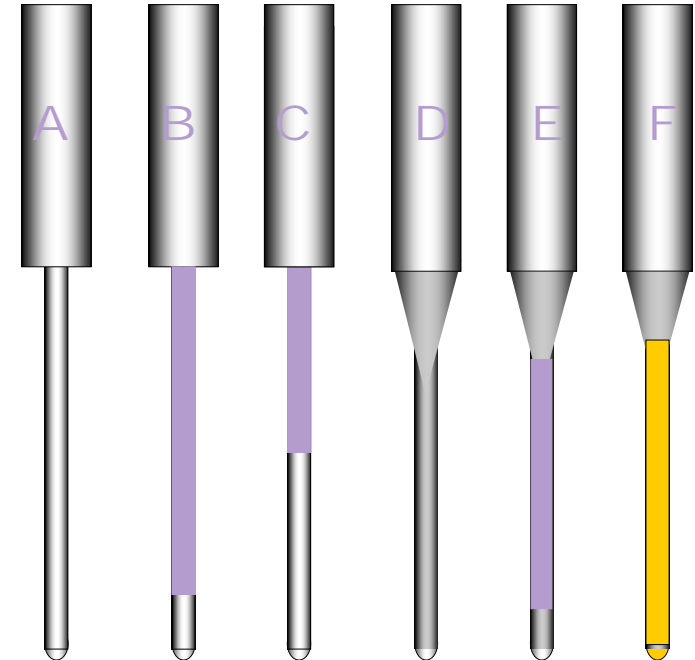


Three Types of Mandrins

- F ; K ; J

Features

- A. 2 pieces - stainless steel
- B. 2 pieces – Pro-Tec IsoGard insulated almost to the tip
- C. 2 pieces – Pro-Tec IsoBlend insulated halfway
- D. 1 piece stainless steel
- E. 1 piece, insulated almost to the tip
- F. 1 piece, gold plated, same settings as a stainless steel



Insulated vs Non-Insulated Probes



Non-Insulated

- Energy dispensed all along the probe
- Loss of energy
- Higher parameters
- Less comfortable
- More risks of skin reactions



Insulated ITH & IBL

- Energy concentrated on the non-insulated tip
- Lower parameters
- Increased comfort
- Less skin reactions

Setting in Thermolysis Mode

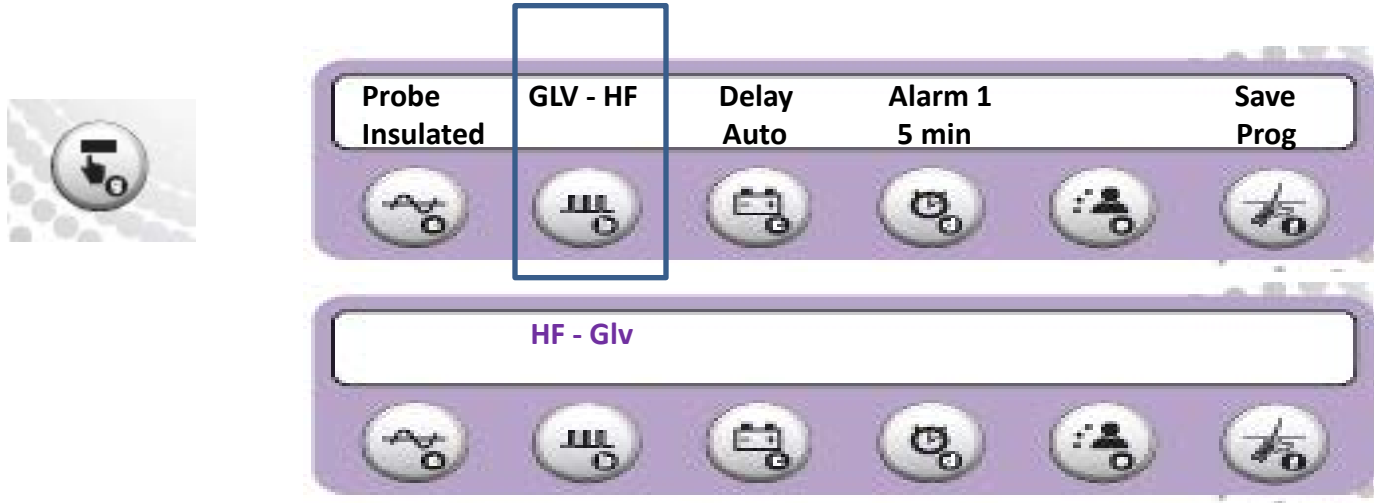


Delay Adjustment Between HF Pulses

- Necessary when using 2-pulse technique
- Duration between the pulses where the current is not applied
- Must be adjusted corresponding to your natural insertion displacement pace

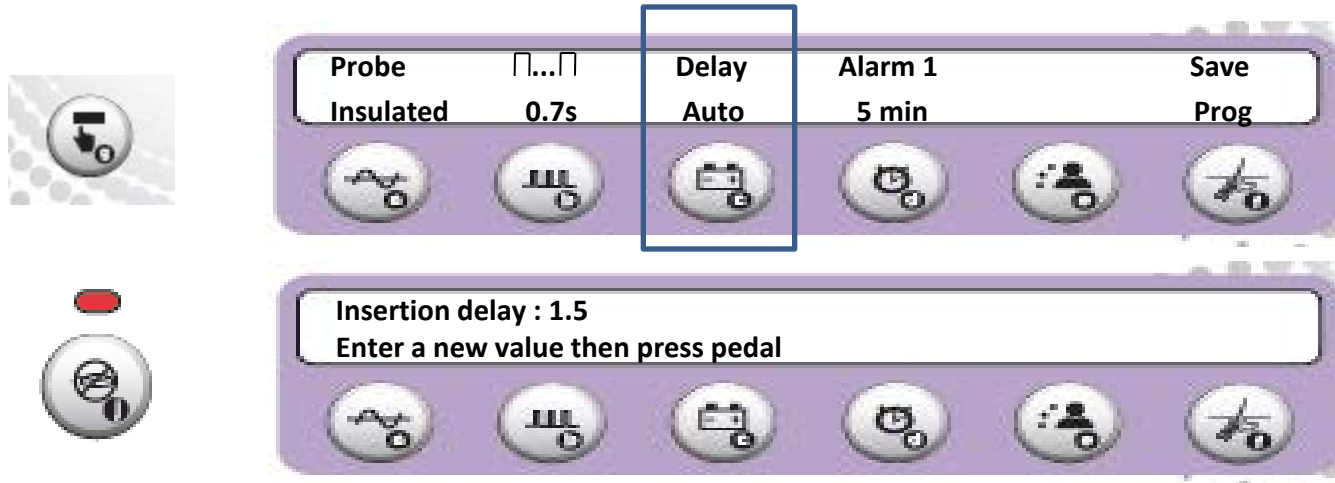


Setting in Blend Mode



- Galvanic current first or HF current first when using a Blend Mode
- Generally Galvanic current first is preferred

General Settings – Auto Mode



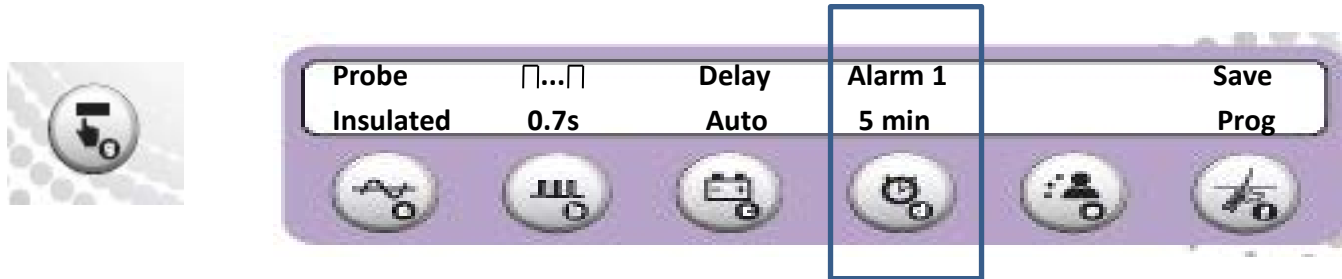
Delay Adjustment in Auto Mode

- Necessary when using the non-footswitch operation
- Duration before the current is applied from the moment the probe touches the skin
- Must be adjusted corresponding to your natural insertion pace
- The plate or bar electrode with a wet sponge is necessary when using Auto Mode

General Settings - Alarm






Alarm Adjustment







- Necessary if you want an alarm signal before the end of the countdown



General Settings



Probe Insulated	□...□ 0.7s	Delay Auto	Alarm 1 5 min	Save Prog
				

Save your program					
Enter a number between 00 to 09	00				
					

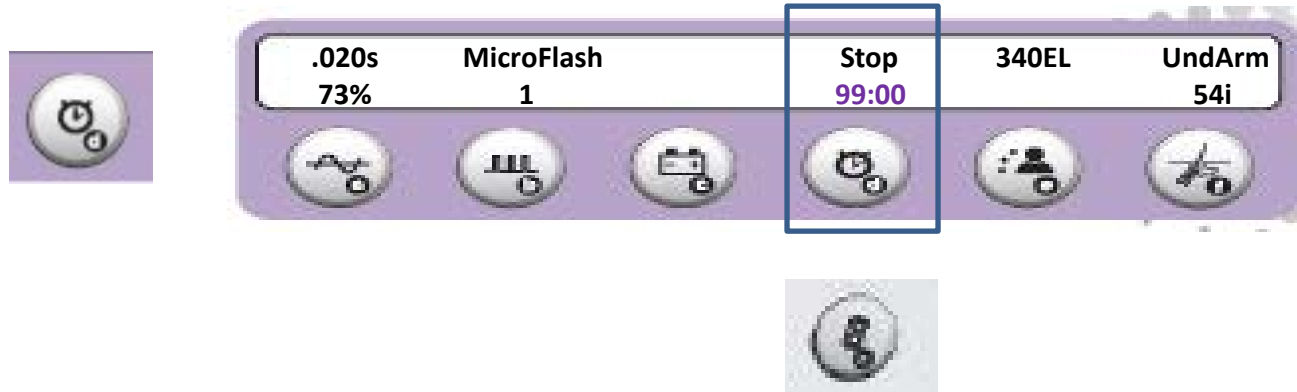
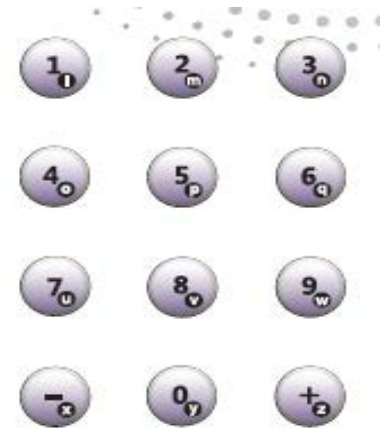
Saving User Customized Programs

- Possibility to save 10 programs per modality
- You must first have selected the Treatment Modality and set the parameters according to your needs, then you save the program
- To use one of your customized programs, you must select the **modality** needed, press the **Program** key, choose the **User** area and enter the **number** of your program. (from 0 to 9)

Timer

Two Possibilities

- Progressive timer from 0 to 99 minutes maximum
- Countdown, the timer decreases by seconds
 - Settings entered with the numeric keypad
- To start the timer, press on the footswitch or the start/stop (k) key. To stop the treatment, press on the start/stop (k) key.



Hair Removal Treatment Modes

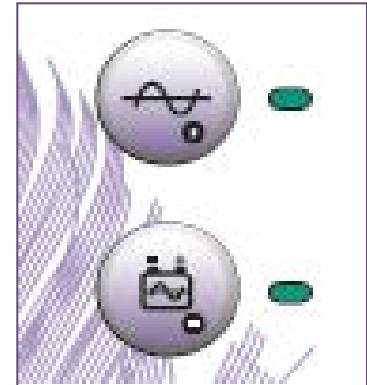


Electroepilation HF current 13.56 MHz

- Flash
- MicroFlash
- MultiPlex

Electroepilation combined current

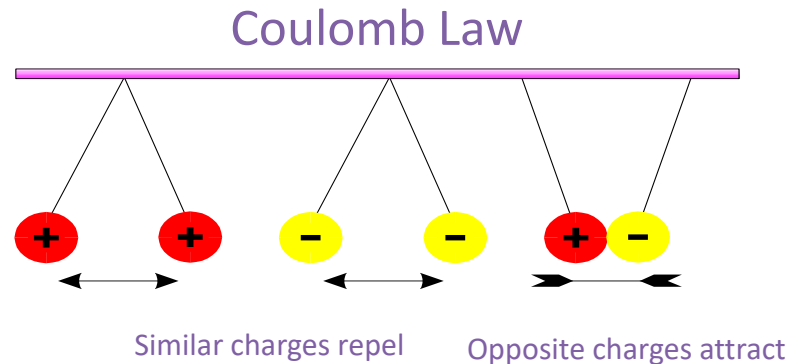
- Pulsed Blend
- Omniblend
- MultiBlend
- Electrolysis - pure galvanic current



Thermolysis Process



- **Thermolysis or high frequency current** is an **alternating current** which constantly changes polarity
- It produces a **constant attraction-repulsion alternation of atoms** within tissues
- These **push and pull movements** create friction in the anatomical structure resulting in **heat** and **causing the destruction of the cells responsible for hair growth**

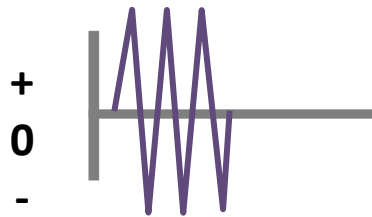
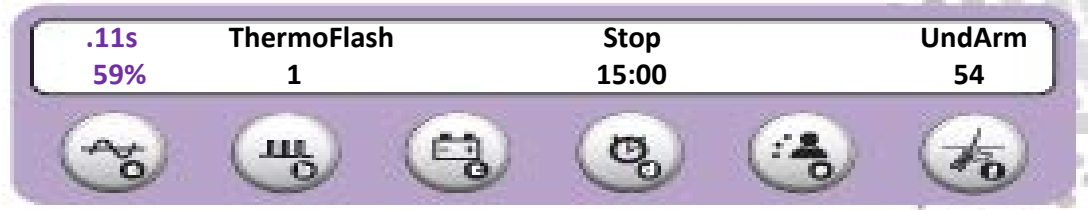


ThermoFlash HF

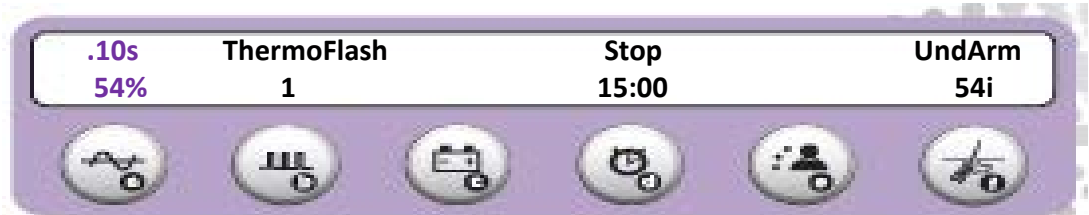
- Applies a HF current **at moderate intensity** with a duration in **hundredths of a second**



Regular Probe

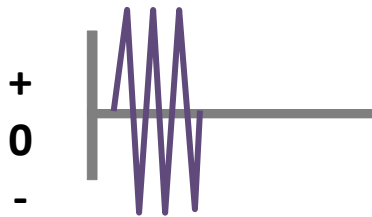


Insulated Probe

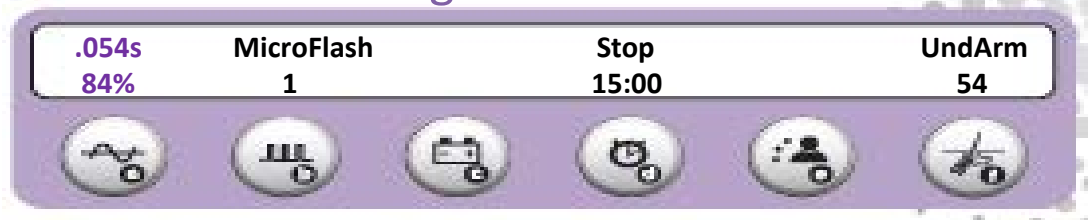


MicroFlash HF

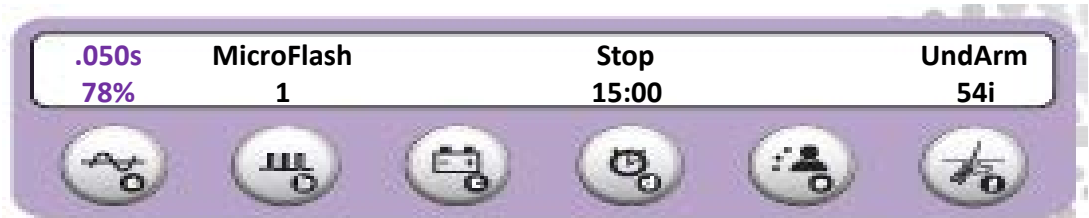
- Applies a HF current at **high intensity** with a duration in **thousandths** of a second



Regular Probe



Insulated Probe









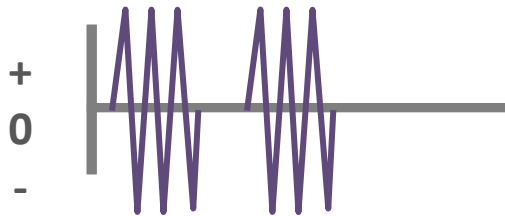
2-pulse MicroFlash

- Duration of pulses is automatically **reduced**



Regular Probe

.040s 84%	MicroFlash 2	Stop 15:00	UndArm 54		
					



Insulated Probe

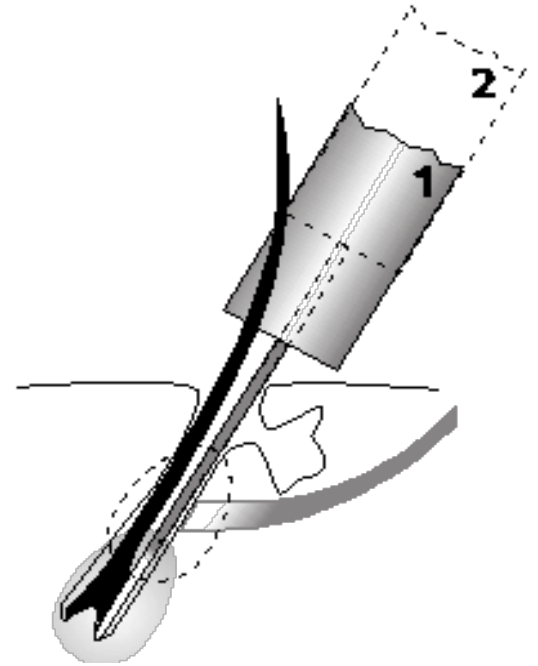
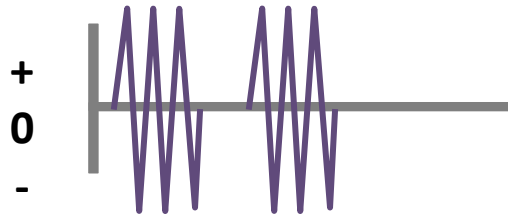
.037s 78%	MicroFlash 2	Stop 15:00	UndArm 54i		
					

Displacement Movement



2-Pulse MicroFlash

- Each pulse is given in a different location in the follicle
- Concentrated destruction of the **papilla** & the **bulge**

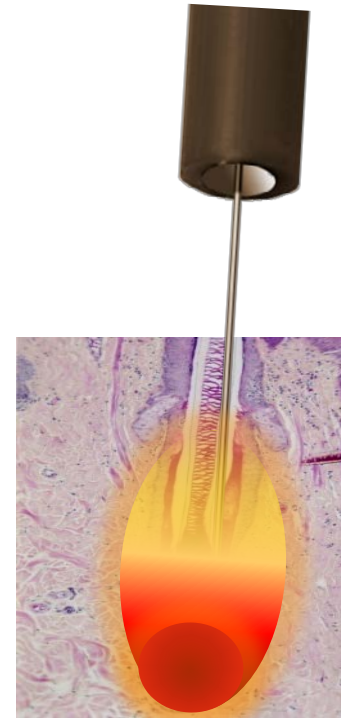
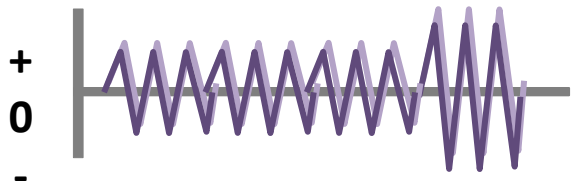
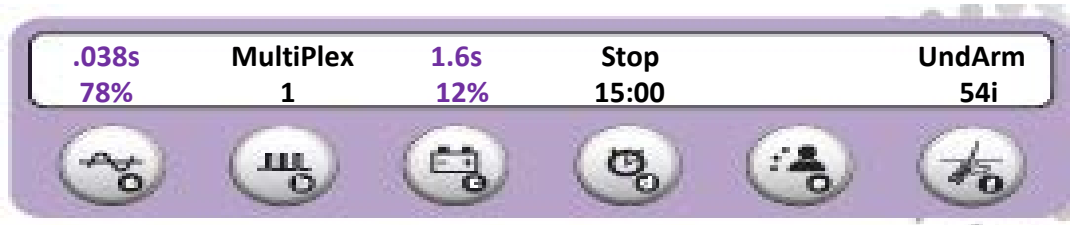


MultiPlex HF



Two Pulses in One

- **First pulse at low intensity with a long duration**
 - Creates **porosity** in the tissue
- **Second pulse in MicroFlash**
 - Concentrates the coagulation at the **tip** of the probe

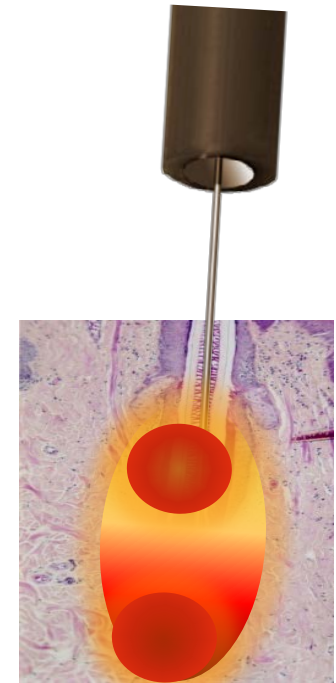
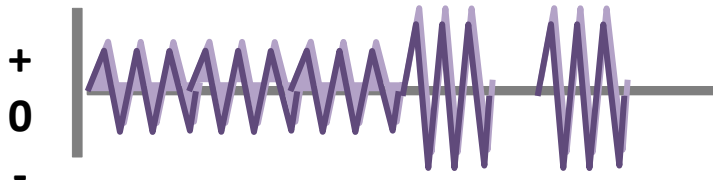
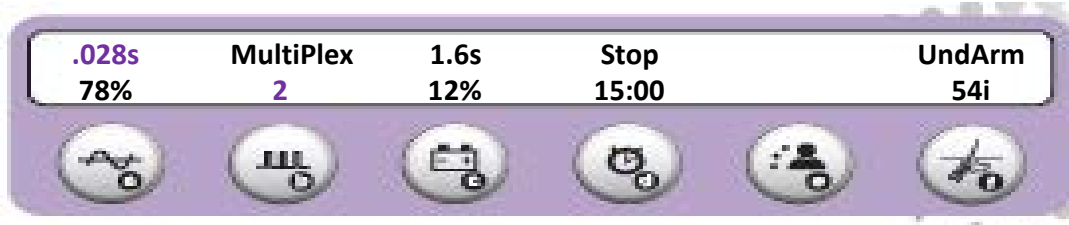


Displacement Movement



2-pulse MultiPlex

- **MultiPlex Sequence** followed with 2 **MicroFlash** pulses
- Each pulse is given at different regions in the follicle
- Concentrated destruction at the papilla & the bulge
- Duration of the MicroFlash pulses is automatically reduced



Modalities Versus Type of Hair



Thermolysis techniques

- For all types of hair, all phases, also ideal for first clean up.

Flash

- Deep hair

MicroFlash

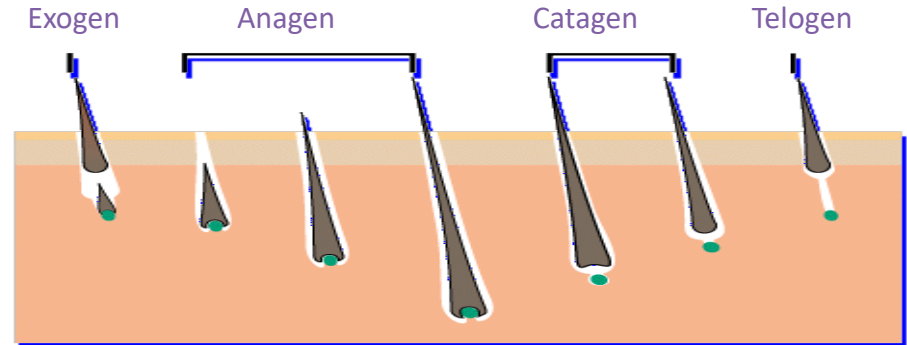
- Superficial hair, facial hair, telogen hair, sensitive clients

MultiPlex

- Slightly distorted hair
- Deep hair
- Stubborn telogen hair
- Difficult hair in general

2-pulse technique

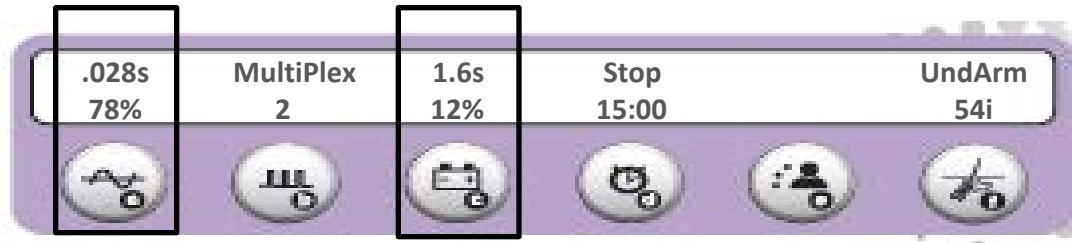
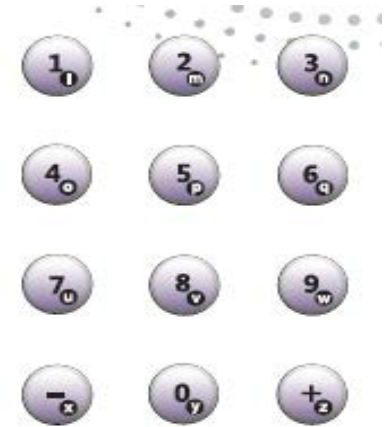
- Deep hair



HF Parameters adjustment



- To modify the parameters, you must press the key below the parameters you need to modify
 - First line: duration of the HF pulse
 - Second line: intensity in %
- The cursor will flash on the first digit (duration)
- Use the number on the keyboard to modify the parameters
- After entering a new duration, the cursor will flash on the intensity



Rapid HF

Pulses HF

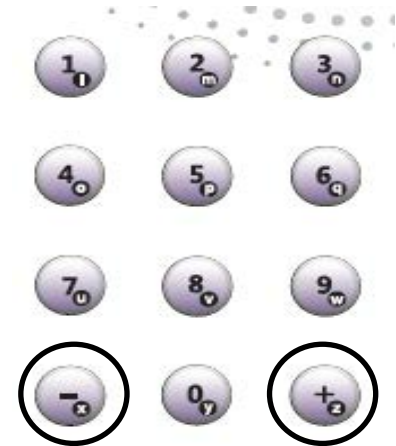
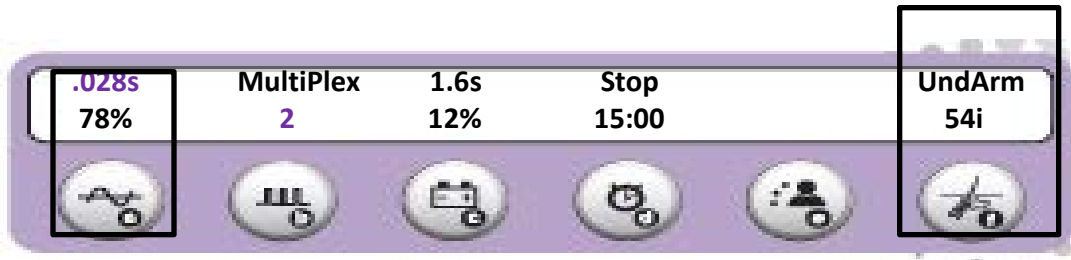
Slow HF

HF Parameters adjustment



Quick way

- You can increase or decrease the intensity % by using the + and – keys
- If you need to change the duration and intensity, you can also just change the program for 1 level (hair size) higher or lower



General info

- If hair is deep, you can increase the duration
- If hair is shallow, it is better to increase the intensity %

Calculating Energy Level (E.L.)



- Amount of heat produced during a thermolysis treatment



.020s 73%	MicroFlash 1	Stop 15:00	340EL	UndArm 54i

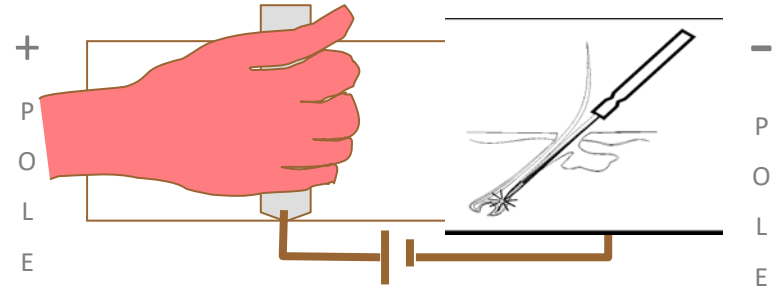
Energy Level E.L. = Time (sec.) X Intensity ² (%)		
Hair	E.L. Non-Insulated	E.L. Insulated
Fine	200 E.L.	175 E.L.
Medium	400 E.L.	350 E.L.
Coarse	600 E.L.	525 E.L.
Extra Coarse	800 E.L.	700 E.L.

Blend Process



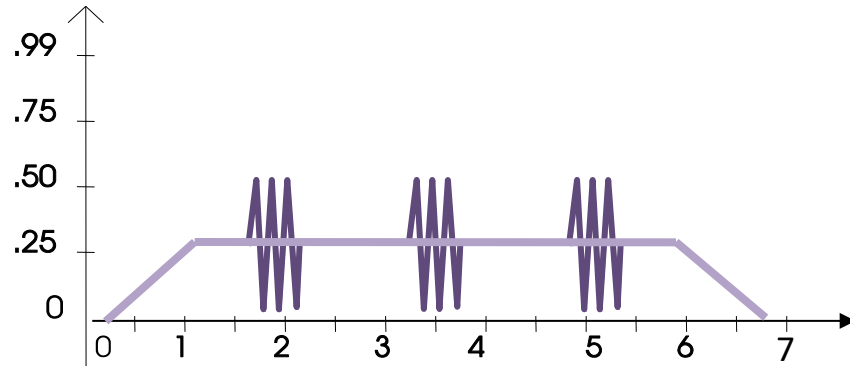
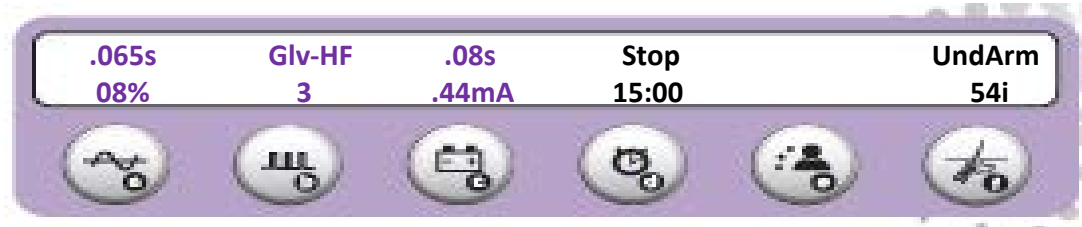
Blend

- Electroepilation with galvanic & HF currents
- The **HF** current **warms** up the tissues to transform the intercellular substance in a **porous mass**
- The porosity allows the penetration of **caustic soda** produced by the **galvanic current** into the follicle
- Galvanic current needs a moist follicle to create lye (Anagen Phase)
- The plate or bar electrode with a wet sponge is necessary for all Blend modes
- Verify the contraindications to GLV

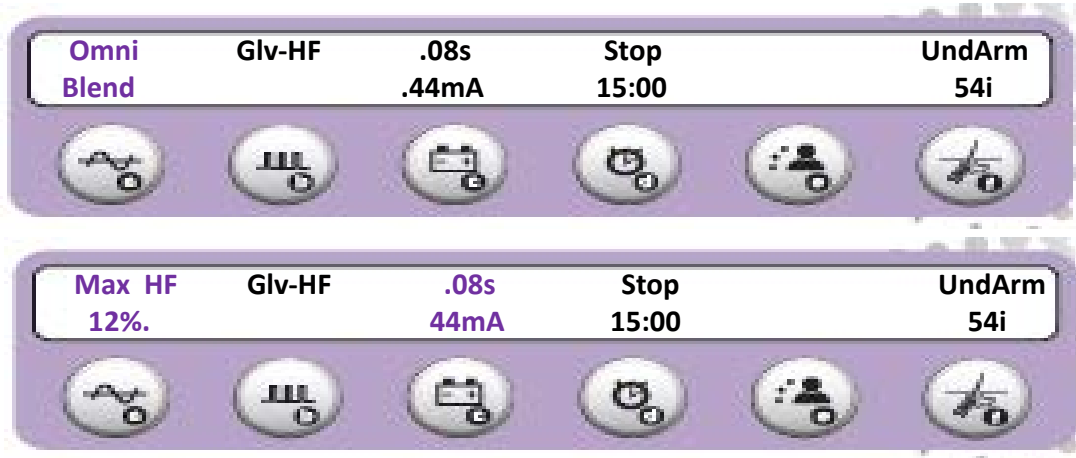


Pulsing Blend

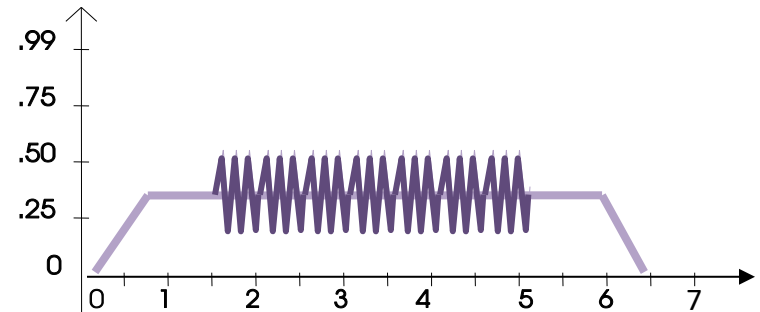
- Superposes thermolysis pulses over a galvanic current at a regular interval








OmniBlend









- **Omnipresence** of HF & galvanic currents applied simultaneously

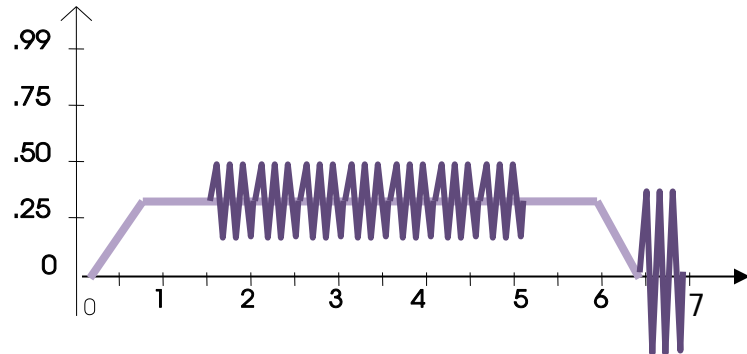


MultiBlend

.038 78 %	Multi Blend	.08s .44mA	Stop 15:00	UndArm 54i	
					

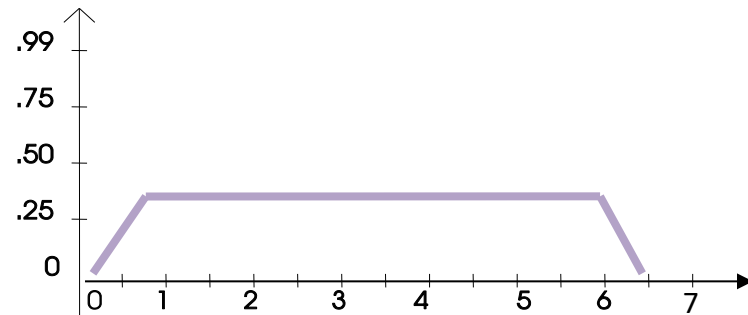
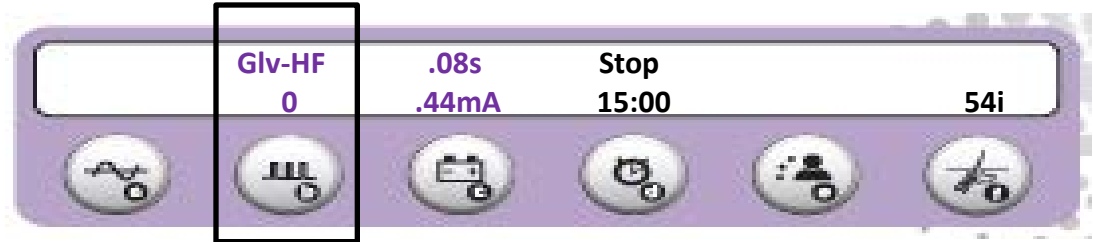
.038 78 %	Max HF 12%	.08s .44mA	Stop 15:00	UndArm 54i	
					

- **Omniblend** followed by a **MicroFlash** pulse



Electrolysis

- Electrolysis uses a pure **galvanic current** to create a biochemical reaction in the hair follicle
- Not popular anymore because the process is longer than Blend modalities
- You must select the Pulsing Blend Mode and enter 0 pulse to remove all the thermolysis current



Modalities Versus Type of Hair



Blend techniques

- For distorted and deep hair in Anagen phase.

Pulsing Blend

- For all “normal” cases

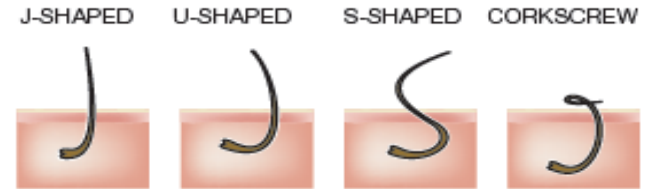
OmniBlend

- For all “normal” cases – easy to use and comfortable

MutiBlend

- Coarse and stubborn distorted/deep hair

Distorted Hair Follicles



Setting of Units of Lye (U.L.)



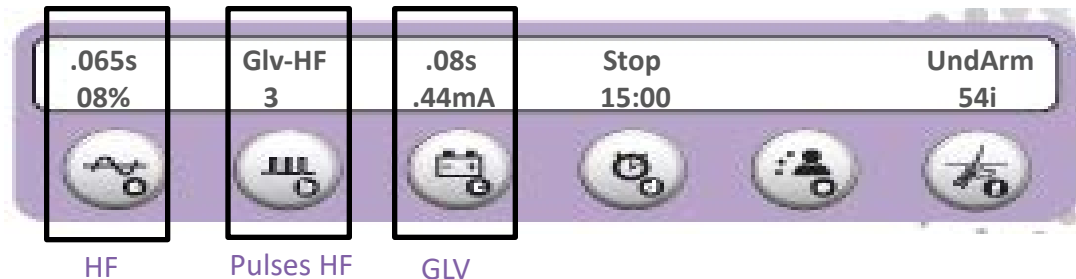
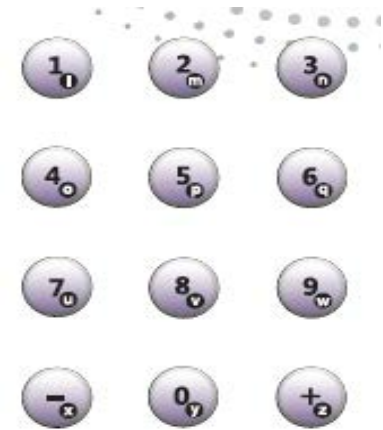
- Amount of caustic soda produced by the galvanic current into the follicle
- Adjustment of U.L. function
- Does not affect intensity level (mA)

U.L. = Time(s) x (mA x 10)				
Hair	Fine	Medium	Coarse	Extra-Coarse
U.L.	20	40	60	80

Blend/GLV Parameters adjustment



- To modify the parameters, you must press the key below the parameters you need to modify
- First line: duration of the HF pulses/ uration of GLV
- Second line: intensity of the HF pulses %/GLV mA
- The cursor will flash on the fist digit (duration)
- Use the number on the keyboard to modify the parameters
- After entering a new duration, the cursor will flash on the intensity

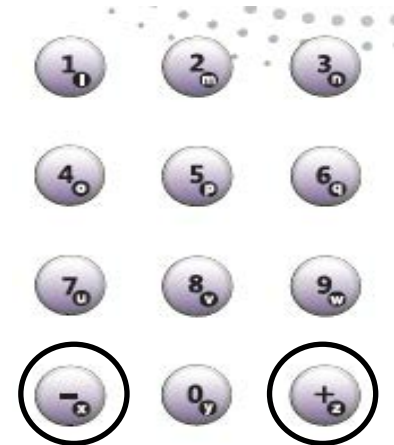
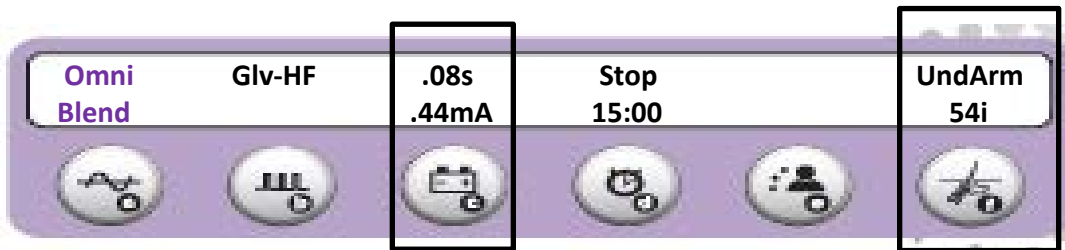


Blend/GLV Parameters adjustment



Quick way

- You can increase or decrease the intensity mA of the GLV current by using the + and – keys
- If you need to change the duration and intensity, you can also just change the program for 1 level (hair size) higher or lower



General info

- Use the tolerance test to measure the intensity of GLV your client can bare and then adjust the duration according to the UL chart
- Check contraindications to GLV first

Cataphoresis

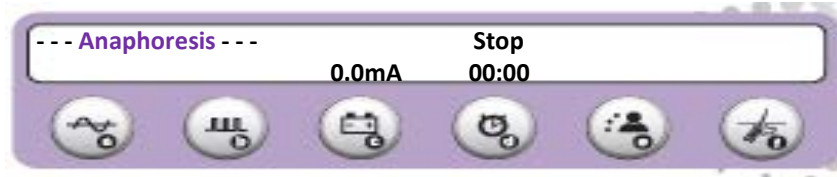


Not available in USA

Cataphoresis / Positive Ionisation « + »

- Post-epilation care
- Germicidal by its acidic action
- Vasoconstriction
- Astringent action on the sebaceous glands
- Calming action and redness reduction
- 3 to 5 minutes application with a soothing water-based product ionizable with + pole
- Intensity may vary depending on the client's tolerance, the area, and the size of electrode
- The plate or bar electrode with a wet sponge is necessary

Anaphoresis



Not available in USA

Anaphoresis / Negative Ionisation « - »

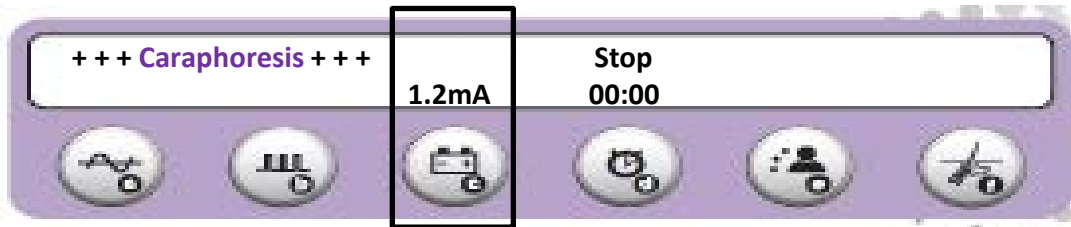
- Deep cleansing (aesthetic treatment)
- Alkaline action
- Vasodilatation (hyperaemia), activation of blood & lymph circulation
- Dilatation of the pores and softening of the tissue
- Removes excess of sebum
- 2 to 3 minutes application with a water-based product ionizable with - pole
- Intensity may vary depending on the client's tolerance, the area, and the size of electrode
- The plate or bar electrode with a wet sponge is necessary

Cata/Ana Parameters adjustment



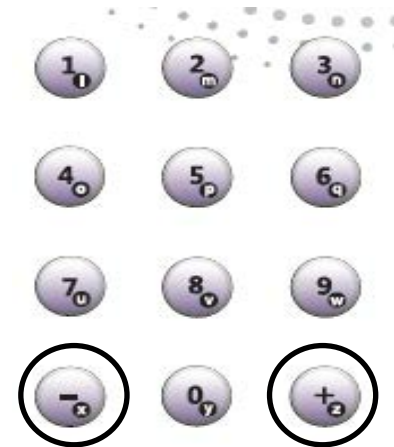
Quick way

- You can increase or decrease the GLV current intensity mA by using the + and – keys.
- You can increase the intensity rapidly by pressing the foot pedal.
- If you have selected a hair removal program, the Apilus will suggest you a Glv current intensity for cataphoresis only according to the area.

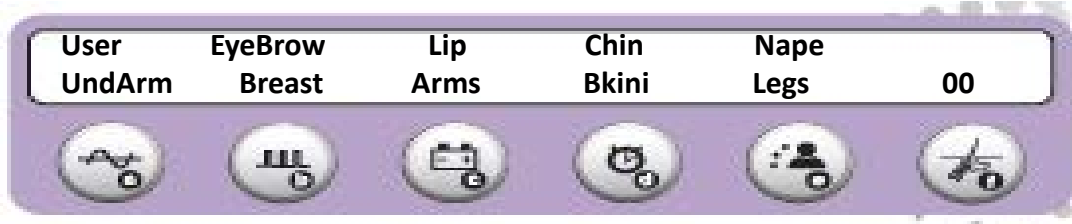


General info

- The client should feel a comfortable tingling sensation. She/he may also have a metal taste in the mouth.
- Check contraindications to GLV first.



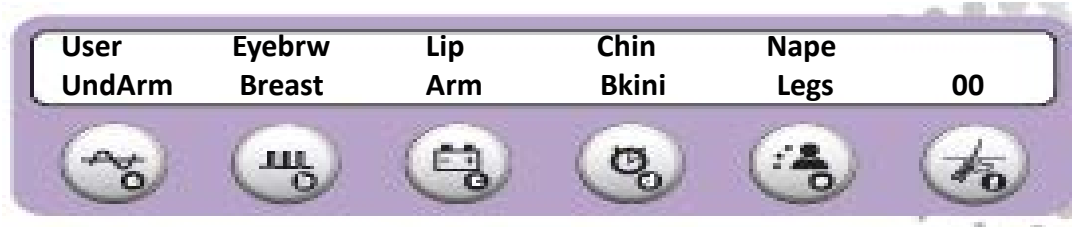
Programs



1080 programs:

- Modalities (6)
- Areas (9)
- Size of hair (0 – 9)
- Type of probes (regular– insulated)

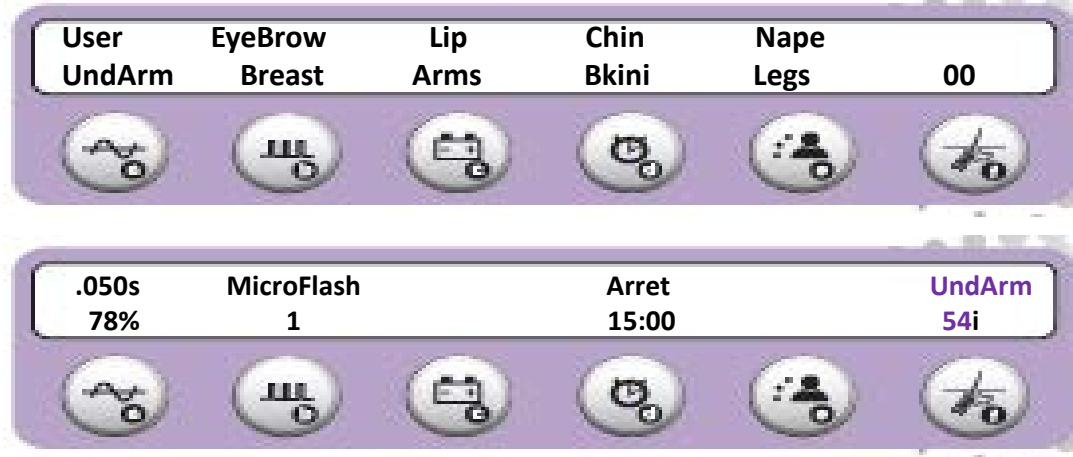
Programs



The 1st number shows the area to be treated

1 st number	Region	1 st Number	Region
0	User Programs	5	UnderArm
1	EyeBrows	6	Breast
2	Lip	7	Arms
3	Chin	8	Bikini
4	Nape	9	UnderArms

Programs







The 2nd number shows the size of hair to be treated

2 nd Number	Hair
0 to 3	Fine
4 to 6	Medium
7 to 9	Coarse

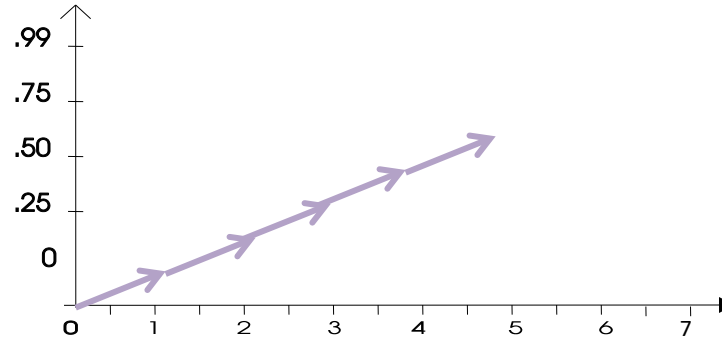
If there is a i at the end of the number, the insulated probe programs are selected




Tolerance Glv Test



Tolerance	.51mA				
					

- Automatic adjustment of the galvanic current intensity according to the client's tolerance
- It is recommended to do 2-3 tests and take the result of the last one
- You need to do an insertion and press the pedal until the client tells you his/her tolerance is reached
- The plate or bar electrode with a wet sponge is necessary



Omni Blend	Glv-HF	.08s	Stop	UndArm	
		.51mA	15:00	54i	
					

Moisture Test

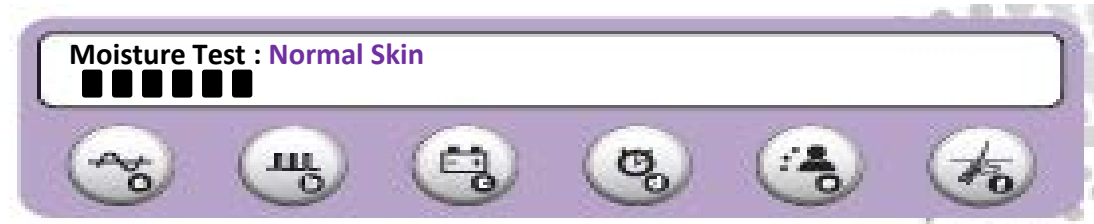


Graphically shows the skin's moisture level

- Hydrated; Normal; Dry

Two Methods


- Roller electrode: superficial moisture
- Probe: moisture inside the follicle
- The plate or bar electrode with a wet sponge is necessary
- **Not available in USA**



Accessory Test




Insert probeholder (A)
In red connector



Allows to verify the state of cables & probeholders

Probeholder (A) **Defective**
Press (Accessories) for next step



Probeholder (B) **Good**
Press (Accessories) for next step















Billing System



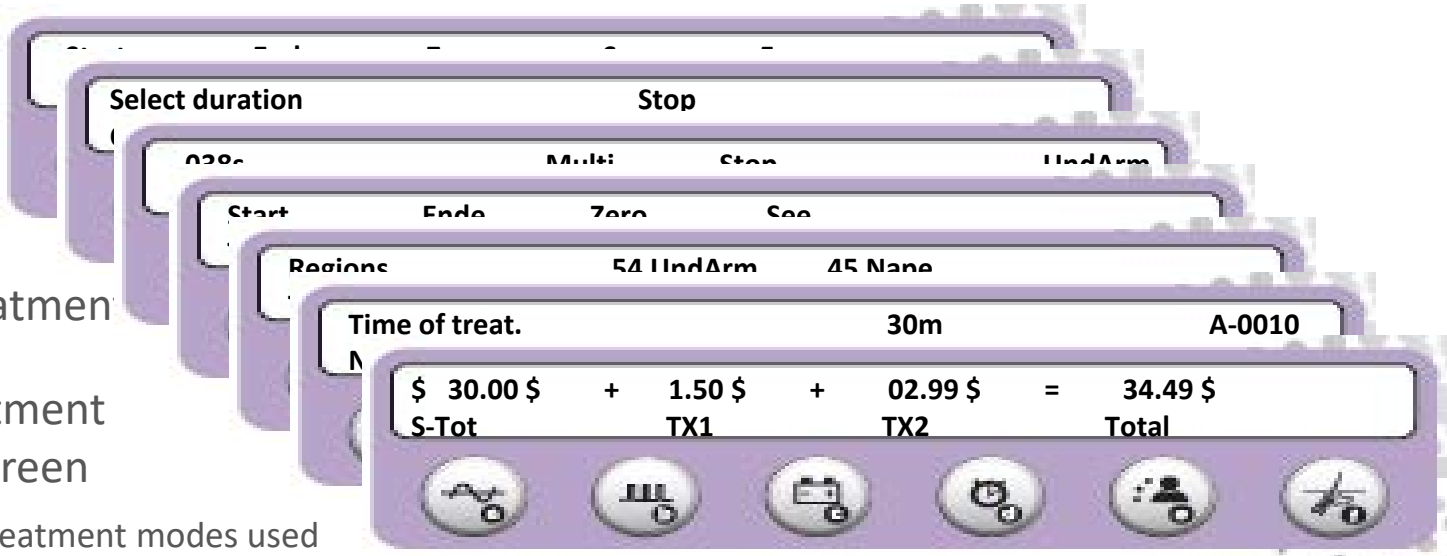
Billing Configuration

- Hourly Rate
- Minimum billing
- Taxation fees
- Billing units
 - Lire, Yen, Pound, Crown, Euro, Dollar
- Billing format
 - 12.34 ; 1234 ; 12340; 1234.00

Begin Treat.	End Treat.	Zero Cumul.	See Cumul.	Fees Fact.	
					

\$60.00 / Hr	\$07.50 Minimum	05.0% TX1	09.5% TX2	\$ Unit	12.34 Type
					

Treatment Billing



- Starting treatment
- Active File
- End of Treatment
- Billing on Screen
 - Region & treatment modes used
 - Time of treatment & amount of insertions
 - Sub-total + taxes + total
 - Billing number

Statistics on Screen

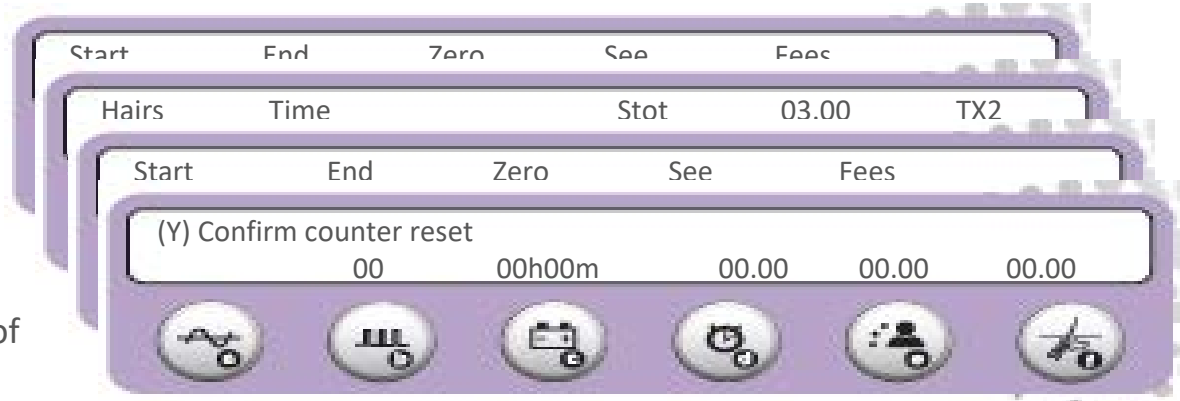


- **Statistics on Screen**

- Cumulative statistics & total of amounts billed

- **Reset Report**

- Can be done at any time : end of the day, week, month or year report



Start	End	Zero	See	Fees	
Hairs	Time		Stot	03.00	TX2
Start	End	Zero	See	Fees	
(Y) Confirm counter reset					
	00	00h00m	00.00	00.00	00.00

Navigation icons: Line graph, Bar chart, Calendar, Magnifying glass, User profile, and Airplane.

Dermaphasic Devices (optional)

- Work in synergy with the Senior 3G
- Specially designed to optimize aesthetic & body care
 - IM – IonoMassage
 - SM – StimuloMassage
 - LT – Lightherapy
 - IR – Infrared
- **Not available in USA**





VitaPhase SM Stimulomassage

10 electrodes
5 DEL 660 nm
Phototherapy
Vibrating massage
Microcurrent
Revitalizes,
stimulates
Tones the skin and
reduces aspect of
wrinkles



VitaPhase IM Ionomassage

Iontophoresis
Vibrating massage
Promotes the
penetration of
products
Purifying effect
Restores the pH
Soothes



VitaPhase LT Lighttherapy

Blue: purifying
Green: Reduces the
appearance of
redness and
pigmentation.
Red: reduces the
aspect of wrinkles
Optimizes the effects
of cosmetic products



VitaPhase IR InfraRed

Deep skin penetration
Gives a firmer look to
the skin
Stimulates
Reduces the aspect of
signs of ageing
Reduces the aspect of
cellulite
Well-being sensation

Advantages



A Profitable Investment!

- Computerized epilator
- Exclusive techniques
- Efficiency
- Unequaled comfort
- Versatile
- Secure
- Performing



Senior 3G

