

# VIVA

## Multi RF System



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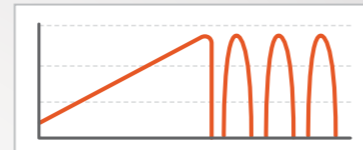


# VIVA Multi RF System

## Auto Mode

- Automatic step up power output
- Initial power output of 5~200 watts, it increases by 5 w/sec every minute (0.08 w/sec) till the first roll off, followed by pulsing RF controlled by impedance based algorithm.

Auto Mode



## Continuance Mode

- Continuous power output
- The RF is generated continuously. Ideal mode for Thyroid.

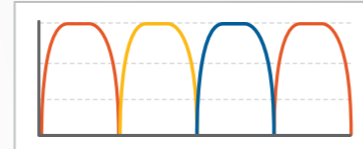
Continuance Mode



## Single Switching Mode

- RF is activated on one electrode at a time in sequence, and each switch of electrode is controlled by impedance based algorithm.

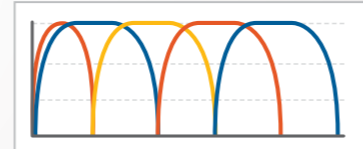
Single Switching Mode



## Dual Switching Mode

- Patented innovative mode that works on 2 electrodes with no compromising maximum power output of 200 watts each. The switch to next 2 electrodes is controlled by impedance based algorithm.

Dual Switching Mode



## Temperature Mode

- Continuous maintenance for target of temperature
- Automatically adjust the RF output to maintain and reach the target temperature

Temperature Mode



## Bipolar Mode

- Interactive ablation mode that works on 2 or 3 electrodes without ground pad.
- Effective ablation mode with no-touch technique for preventing seeding.

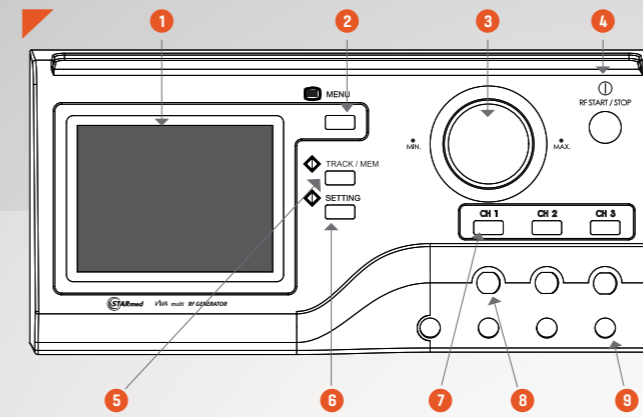
## Hybrid Bipolar Mode

- Reinforced bipolar mode that works on 2 or 3 electrodes with ground pad.
- Additionally available for reducing impedance when ablation sites have relatively high impedance.

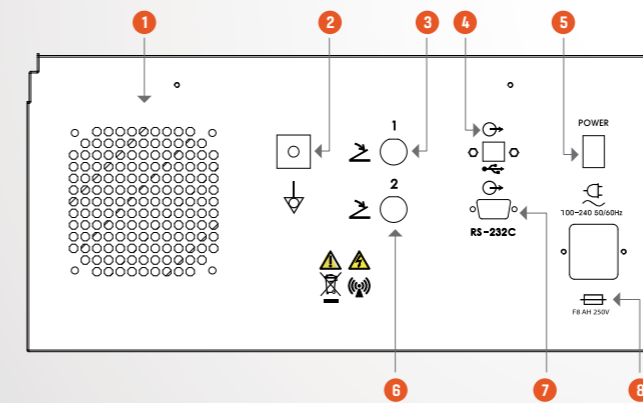
## Track Mode

- Continuous power output
- The RF output is generated continuously. Easy using for track ablation

star RF Electrode	star RF Electrode-Fixed	Basic electrode
	star RF Electrode-Injectable	Injectable
	star RF Electrode-Uni_faced	Half-moon shape
VIVA RF Electrode		Adjustable
Octopus RF Electrode		Clustered and separable



No.	Feature name	No.	Feature name
1	Digital Screen	6	MENU button
2	MENU button	7	CHANNEL buttons
3	RF POWER control dial	8	RF CABLE connectors
4	RF START/STOP button	9	GROUND PADS connectors
5	TRACK/MEM button		



No.	Feature name	No.	Feature name
1	Ventilation fan	5	Power switch
2	Equipotential grounding terminal	6	Foot switch connector (lower part)
3	Foot switch connector (upper part)	7	Bluetooth Data port
4	Data port	8	Fuse/power socket

## Accessories



Peristaltic pump



Single foot switch



Double foot switch

## Specifications

### Rated power

Voltage	110/220 V~
Voltage range	100-240 V~
Maximum input voltage	250 V~
Maximum input power	850 VA
Maximum input current	6A (100/120 V~ units), 3A (220/240 V~ units)
Fuse capacity	F8 AH 250V
Power frequency	50/60 Hz

### Impedance measurement

Range	10-800 ohms
Resolution	1 ohm
Accuracy	10-50 ohms ±10 ohm 51-300 ohms ±15% 301-800 ohms ±30%

### Radiofrequency output

Watts	0-400 watts max output @ 50 ohm
Accuracy	±20%
Resolution	1 watt
Frequency	480 kHz ±10%
Drive on time	30minutes max.

### Temperature measurement

Range	5°C - 95°C
Resolution	1°C
Accuracy	±5°C

### Operating Environment

Clean, dry area Temperature	15°C - 40°C
Humidity	15-80% relative, non-condensing
Atmospheric Pressure	800-1060 hPa