# VIVA

# RF System


STARmed

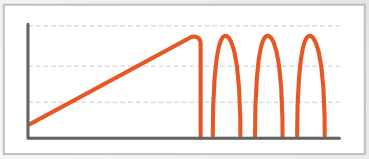
MEDVAL healthcare

www.STARmed4u.com

# VIVA RF System

## Auto Mode

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



## Continuance Mode

- Continuous power output
- The RF is generated continuously. Ideal mode for Thyroid, Osteoid Osteoma and track ablation.

## Temperature Mode

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

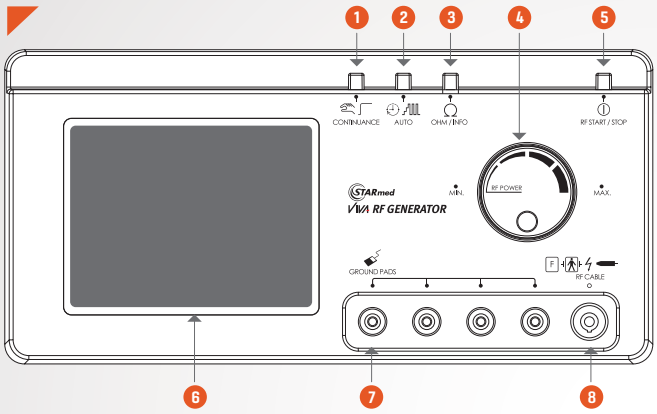
| | | |
|---|---|---|
| **star RF Electrode** | star RF Electrode-Fixed | Basic electrode |
| | star RF Electrode-Injectable | Injectable |
| | star RF Electrode-Uni_faced | Half-moon shape |
| **VIVA RF Electrode** | | Adjustable |

## Accessories

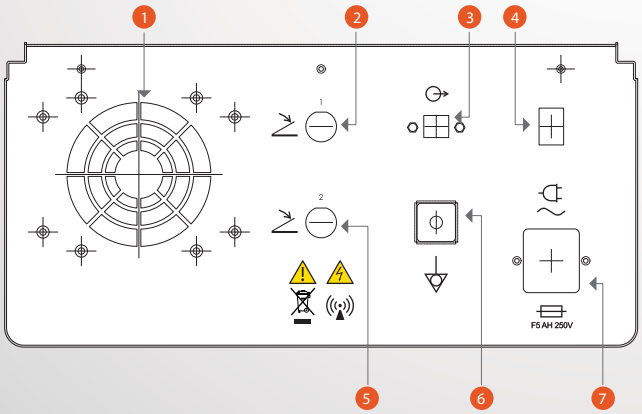
Peristaltic pump

Single foot switch

Double foot switch




| No. | Feature name | No. | Feature name |
|---|---|---|---|
| 1 | CONTINUANCE Mode button | 5 | RF START/STOP button |
| 2 | AUTO Mode button | 6 | Digital Screen |
| 3 | OHM/INFO button | 7 | GROUND PADS connectors |
| 4 | RF POWER control dial | 8 | RF CABLE connector |




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

## Specifications

| | |
|---|---|
| **Rated power** | |
| Voltage | 110/220 V~ |
| Voltage range | 100-230 V~ |
| Maximum input voltage | 250 V~ |
| Maximum input power | 450VA |
| Maximum input current | 4A (100/120 V~ units),<br>2A (220/240 V~ units) |
| Fuse capacity | F5 AH 250V |
| Power frequency | 50/60 Hz |
| **Impedance measurement** | |
| Range | 10-800 ohms |
| Resolution | 1 ohm |
| Accuracy | 10-50 ohms ±10 ohm<br>51-300 ohms ±15%<br>301-800 ohms ±30% |
| **Radiofrequency output** | |
| Watts | 0-200watts max output@ 50ohm |
| Accuracy | ±20% |
| Resolution | 1 watt |
| Frequency | 480 kHz±10% |
| Drive on time | 30minutes max. |
| **Temperature measurement** | |
| Range | 5℃-95℃ |
| Resolution | 1℃ |
| Accuracy | ±5℃ |
| Operating Environment | |
| Clean, dry area Temperature | 15℃-40℃ |
| Humidity | 15-80% relative, non-condensing |
| Atmospheric Pressure | 800-1060 hPa |

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