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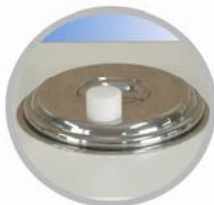


OB/GY Total Treatment System

APRO-110

Apr-110 maximizes space use of consultation room, cleans vagina or uterine cervix, maintains optimum heat of speculum fragrant, preserves PH and spraying solution of a drug for treatment, and comforts patients and doctor.

1. Irrigation and suction function will be worked the same time.
2. Warmer function to keep optimum temperature of speculum.
3. Vacuum suction installed.
4. 2 Spray guns for rinsing/cleaning vagina and spraying solution.
5. Usable as a dressing car.



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Before

After



Before

After

Application

1. Easy to remove vaginal discharge
I can easily remove plug (by fungal infection) and completely remove infectious discharge at once. Healing process is very fast.
2. Clearly examine the cervix area
I can simply remove mucus plug from cervix area and then easily examine the area.
3. I can spray Bacteriostatic agent all over evenly and prevent the side effect from over-applying on a certain area.
(Over-applying may cause Bacterial vaginosis. After the treatment, there is no agent leaking from vaginal wall.)
4. I could not examine the vaginal wall clearly when blood comes out. However, I can have a precise examine by sucking & irrigating at the same time and do the healing process rapidly.
5. Compact and easy to operate the machine.
6. It does not make any difference of treatment by the assistance.
7. Easy for after-service and maintenance.
8. Simply control the temperature of water and solution.

Technical Specification

Power – AC220V, 60Hz
 Power Consumption – Approx.0.65kw
 Air Pump – 2Kgf/cm²
 Suction – 680mmHg
 Spray Device – Automatic, 2 Device
 Speculum Warmer – Automatic, 4device, 100W
 Irrigation Warmer – Automatic, 1device, 200W
 Suction Bottle – 2,500cc
 Dimension -460(W)X320(D)X810(h)mm
 Weight – Approx.35Kg

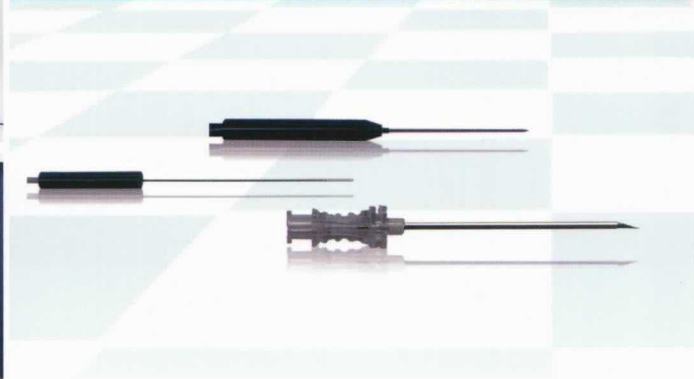


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CoATherm RF-G200

RF Thermal Ablation System

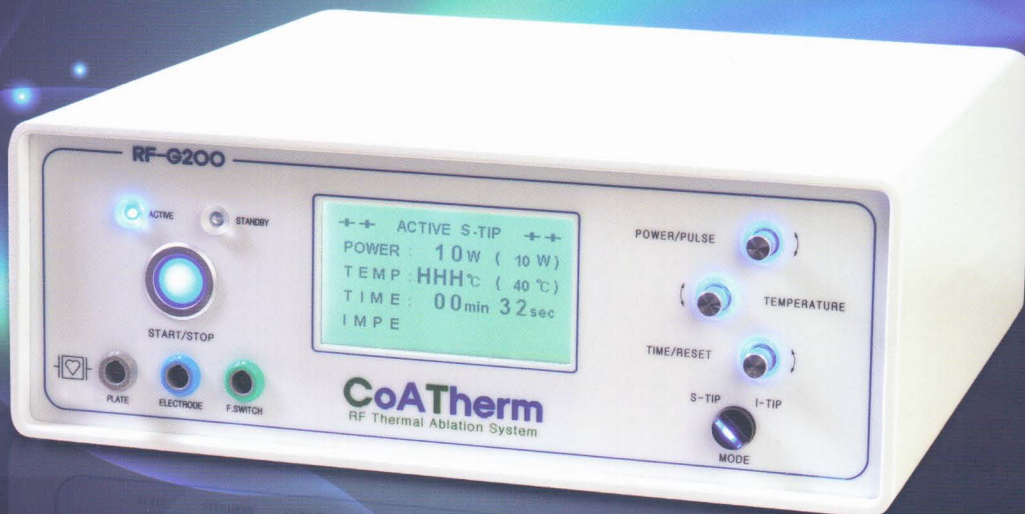


- Accurate Thermal Control
- Water Circulation System Applied
- Multiple Output Power
- Various Safety Measures
- Optimum Ablation



What is CoATherm RF-G200

State-of-the-art-medical equipment that operate Thermal Coagulation and RF Ablation by delivering 480KHz of Radio Frequency to the electrode specially designed with temperature-sensor and water-circulation being inserted. Tumor necrosis in a variety of minimally invasive surgery can be used in a professional.



Feature of RF-G200

Accurate Thermal Control

The selection for the temperature where the organization of human body is contacted with electrode is possible when surgical operation. Also, the most appropriate output occurs since this can feedback the selected temperature. For the appropriate Ablation, the suitable temperature vary according to the feature of the organization of human body.

Water Circulation System Applied

It has a Pump for a water circulation. The water circulation would reduce performance time and prevent carbonization of between the electrode and adjacent tissue on the high output power performance.

Multiple Output Power

It can select the time and scope of Ablation or Lesion by fixing the feature of the organization of human body with the various output control of 10W~200W. (It engage with various selection of needle or Ablation)

Various Safety Measures

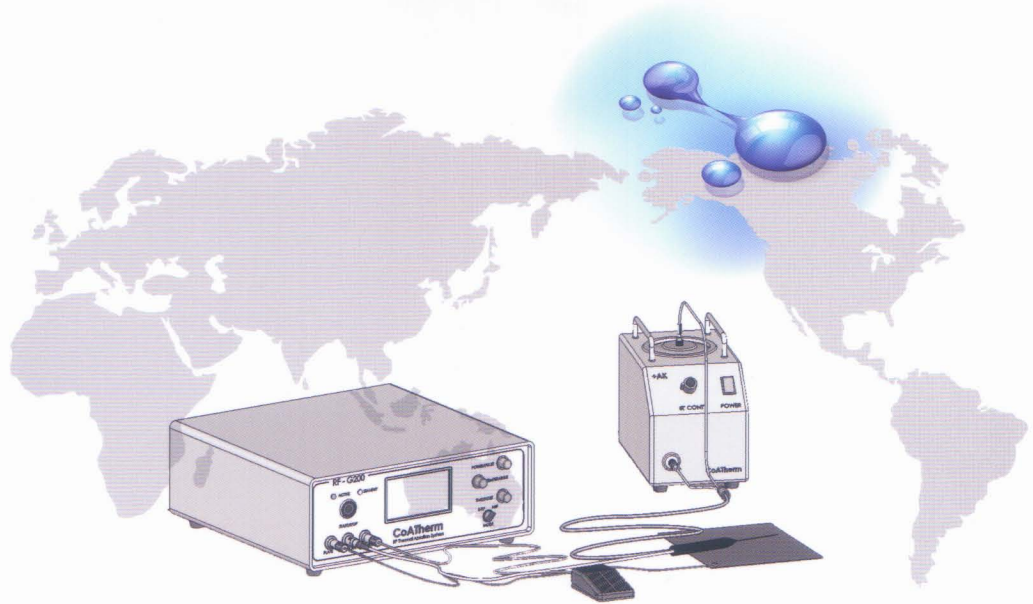
For the safety of patients and users, it has various safety devices and security alarms.

Optimum Ablation

Various setting of time is possible and it is possible to fit the purpose of use of surgical operator according to the selection of the thickness, length and exposure.

Etc,

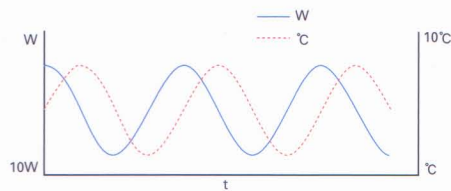
- Applied Protective Class 1 and Cardinal Floating type for more safety.
- Surgical operator can control the function of On / Off by foot switch and the convenience of operation is superior. Also, No Charring comes Easy Targeting is possible.



Function of RF-G200

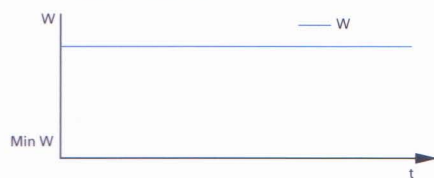
Mode

S-TIP Mode

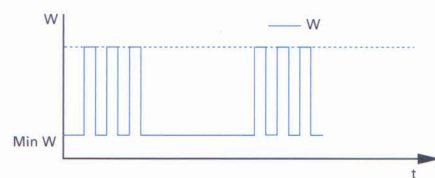


I-TIP Mode

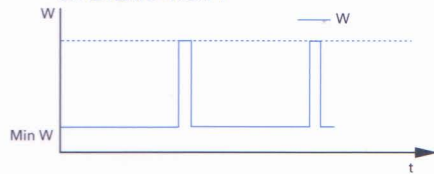
1. CONTINUOUS



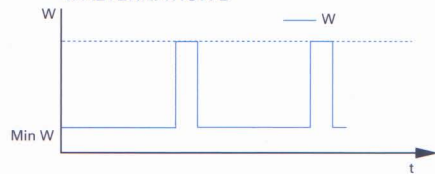
2. PARAMETER



3. ALTERNATION 1



4. ALTERNATION 2



Safety Measurement

"IMPEDANCE OVER PRESS TIMER RESET"

- Push TIMER RESET and Check the electrode.
- If Electrode do not have problem, it means the procedure has been completed.

"PLATE CONNECTION CHECK"

- Check if the patient plate is connected from the device or the patient.

"WATER PUMP CHECK"

- Check if the power is supplied to the pump.

"TEMPERATURE OVER PRESS TIMER RESET"

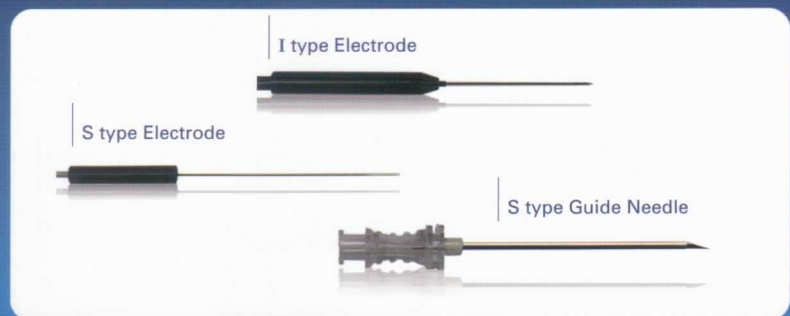
- Check if water is circulating through the electrode.





Specification

ITEM	DESCRIPTION
Main Input Power	AC 220V, 60 Hz
Power Consumption	500VA
Output Wave	480kHz ±10% sine wave
Output Power	Max 200W, 100 Ω
Set Temp.	10°C ~ 100°C (1°C step)
Display Temp.	10°C ~ 100°C ±5°C
Display Impedance	30 ~ 1,000 Ω ±10%
Timer Setting Range	10s ~ 15Min (10s step)
Classification	Protective Class 1 Cardinal Floating



Ordering Number

S type Electrode	S2210 S2211	S2010 S2011 S2050 S20110 S20140 S20155	S1709	S1710	S1720	S1735
S type Guide Needle	N230600 N231500 N221003 N221005 N221010	N201003 N201005 N201010 B2008707	N170905 B1708507	N171010 N171020 N171030	N172010 N172020 N172030	N173510 N173520 N173530
I type Electrode	I180705 I180707 I181710 I181720 I183010 I183020	I180710 I180715 I181730 I183030				

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RADIO FREQUENCY Electrosurgical System



The great features of AK-V4000

- Precise cut, Easy hemostasis, and No carbonized coagulation by 4.5MHz output power.
- Keep amazing low temperature with such high frequency.
- Dual power intensity and Dual vacuum tube for micro surgery and easy bleeding control.
- Coagulation depth is not determined by operating time, but by the size of electrode tip.
- RF power automatically stops before it carbonizes tissues by impedance feedback.
- Minimal invasive surface of pure cutting makes possible the pathology reading after biopsy.
- Precise cut, Easy hemostasis, and No carbonized coagulation enables you to have both an open surgery and endoscopic surgery in all different applications.

Accessories

Model	Spec.	Model	Spec.
 Long Handpiece	2M	 CHBo6	ø6 Bended Semi-Ball
 Short Handpiece	2M	 RPo8	ø8 Short Shape Loop
 Bipolar cord	2.8M	 MP15	Standard Needle
 Foot S/W	2M	 HS	Standard Blade
 Plate	2M	Option	
 MC	Spire	 Ml18o5	ø1.2 Angle Needle
 CHo3	ø3 Straight Ball	 RD15	ø15 LLETZ LOOP
 CHo4	ø4 Straight Semi-Ball	 RD20	ø20 LLETZ LOOP
 CHo6	ø6 Straight Semi-Ball	 RD25	ø25 LLETZ LOOP

Technical Specification

Function	AK-V4000
Frequency	4.5MHz
Supply voltage, frequency	220V±10%, 50/60Hz
Dimension	260(W) X 350(L) X 158(H)
Weight	11kg
V _{p~p} -Monopolar(200Ω)	550V _{p~p} ±20%
V _{p~p} -Bipolar(200Ω)	300V _{p~p} ±20%
Type	CF



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