

IntelliFlow
pump

Model 1500X
RF GENERATOR



ANGIODYNAMICS®

The Ultimate in Power and Ease of Use

CAPITAL EQUIPMENT

Model 1500X RF Generator

The 1500X Electrosurgical Radiofrequency Generator supplies radiofrequency (RF) energy for the partial or complete coagulation and ablation of soft tissue. The 1500X is specifically designed to be compatible with the full family of AngioDynamics RFA based electrodes. The innovative electrosurgical devices can be utilized in percutaneous, open or laparoscopic surgical procedures.



Compatible with the StarBurst® and Habib® families of devices



BENEFITS

- Generator is equipped with computer driven protocols that automatically adjust wattage to maintain optimal temperatures during the ablation
- Temperature monitoring is in real time, which gives immediate visibility of the ablation zone and repeatable, reliable procedure endpoints
- 250W of power combined with the IntelliFlow saline infusion pump allows faster and larger ablations
- Immediately recognizes the full family of AngioDynamics electrosurgical devices as they are plugged in and automatically sets the system to pre-loaded soft tissue protocols
- Remote foot pedal available for hands-free device activation
- “Smart Card” Technology means that upgrades can be accomplished with little or no additional capital expense

SPECIFICATIONS

- Dimensions: 14.75”w x 17.0”d x 5.25”h (37.5 cm x 43 cm x 13.5 cm)
- Weight: 23 lbs (10 kg)
- Power: 1–250 Watts
- Frequency: 460 kHz
- Power Delivery Accuracy: 20%
- Power Supply: 110–240 volts, 50–60 Hz, universal power supply
- Temperature Control Range: 15–125°C, $\pm 3^{\circ}\text{C}$, up to 8 independent channels
- Efficiency Range: 1–10

IntelliFlow Pump

The IntelliFlow peristaltic infusion pump is used in conjunction with the 1500X radiofrequency generator for the coagulation and ablation of soft tissue. The IntelliFlow offers the ultimate in ease of use, while delivering infused saline with automated precision. The IntelliFlow pump is specifically designed to be used with all infusion based StarBurst® electro-surgical devices.



Occlusion Bed

Compatible with all StarBurst® infusion-based devices



BENEFITS

- Automated communication with 1500X generator
- Integrated IV pole
- No battery to recharge
- No additional settings required
- Easy loading & securing of tubing sets
- Storage drawer for accessories
- Tubing sets are sterile and pre-attached to StarBurst® family of infusion devices
- Occlusion bed offers easy device set up

SPECIFICATIONS

- Dimensions: 14.75" w x 8.8" d x 6.25" h (37.46 cm x 22.35 cm x 15.90 cm)
- Weight: 10 lbs (4.5 kg)
- Power: 100–240 VAC
- Frequency: 50 or 60 Hz
- Operating Temperature: 15°C–35°C
- Speed/Flow Rate: 1–40 rpm (.05–.7ml/min)

MODEL 1500X RF GENERATOR AND ACCESSORIES

Product Name	Part #
1500X RF Generator	700-101731
Main Cable (Green–9 to 14 pin)	700-101892
MRI Extension Cable (1500X–14 to 14 pin)	700-102741
MRI Extension Cable (1500X–9 to 9 pin)	700-102742

MODEL 1500X RF GENERATOR REPLACEMENT PARTS

Product Name	Part #
Foot Switch	400-100453
Power Cord	400-100702

INTELLIFLOW PUMP

Product Name	Part #
IntelliFlow Pump	700-102941

INTELLIFLOW PUMP REPLACEMENT PARTS

Product Name	Part #
Pump Communication Cable	700-102801
Power Cord	400-100702
Occlusion Bed	700-102938

IMPORTANT RISK INFORMATION

INDICATIONS FOR USE: The IntelliFlow Infusion Pump, Tubing Set and Reusable Occlusion Bed is designed for use in conjunction with the 1500X Radiofrequency (RF) Generator to provide local delivery of saline through the irrigation ports of the electrosurgical device during radiofrequency ablation procedures. The 1500X Generator (with software version 8.10 or higher) provides monopolar RF energy and is indicated for use in percutaneous, laparoscopic, or intraoperative coagulation and ablation of soft tissue. **CAUTION:** Federal (USA) law restricts the sale of these devices by or on the order of a physician.

CONTRAINDICATIONS: Do not use the IntelliFlow Pump for drug delivery, for intravascular, intra-arterial or epidural delivery of fluids, or during MRI procedures. The use of the 1500X Generator is contraindicated in

the presence of flammable anesthetics, oxygen-enriched or explosive atmospheres.

WARNINGS AND PRECAUTIONS: Do not use the IntelliFlow Pump if four or more tubes become occluded, as improper or unpredictable lesion size may result. Do not use the IntelliFlow Pump if damage is suspected. Electric shock hazard: do not saturate the IntelliFlow Pump with liquids or allow liquids to run inside the unit, or immerse the IntelliFlow Pump in water; do not use the RF Generator if it has been dropped or damaged, and do not remove the cover of the RF Generator. There are no user-serviceable parts inside the RF Generator. Refer all service to AngioDynamics, Inc. Use of the 1500X Generator may interfere with the operation of other electronic medical equipment. In the case of a pacemaker, a theoretical

hazard exists because interference with the action of the pacemaker may occur, and the pacemaker may reset to its factory default; it is recommended that a patient see a cardiologist after the procedure to verify functionality of the pacemaker. It is important to read, understand and follow the instructions, warnings and precautions supplied with the equipment in order to enhance procedure safety and effectiveness.

POTENTIAL COMPLICATIONS: Possible complications include bleeding, infection, wound dehiscence, gas embolism, nerve damage, electric shock or thermal injury.

Indications, contraindications, warnings and instructions for use can be found in the instructions for use supplied with each device. Observe all instructions prior to use. Failure to do so may result in patient complications.

ANGIODYNAMICS®

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