RFP-100A
RF Puncture Generator

Controlled Tissue Puncture using RADIOFREQUENCY ENERGY
RFP-100A RF Puncture Generator

System designed to puncture tissue via radiofrequency (RF) energy

**RF PUNCTURE (RFP) GENERATOR vs. RF ABLATION (RFA) GENERATOR**

High impedance conditions are key to create a precise puncture in tissue, with minimal surrounding damage. The RFP Generator is designed to function at high impedance, whereas a typical RFA Generator is not.

**RF Puncture**
- Objective: To create a small opening in tissue
- Occurs under the following conditions:
  - Low power (5-25 watts)
  - Short duration (1-3 seconds)
  - High voltage (270-400V)
- Impedance range: 2000-6000 Ω
- Minimal collateral damage to surrounding tissue

**RF Ablation**
- Objective: To create a lesion to destroy electrically conductive tissue
- Occurs under the following conditions:
  - High power (35-50 watts)
  - Long duration (60-90 seconds)
  - Low voltage (35-50V)
- Impedance range: 150-300 Ω
- Thermal destruction of surrounding tissue

**FEATURES**

**AC Power indicator**
**Large LCD message window**
**Return electrode fault indicator**
**Return electrode connector**
**USB port (Side) for up to 20 treatment data recordings**
**Bottom soft-touch keys for parameter adjustments**
**Ambient light sensor**
**Lightweight with a small footprint**
**Luminous RF ON/OFF Button and indicator**
**Connector cable connection**

**PRECISE: CUT SETTINGS OPTIONS**

Improved cutting ability enables shorter RF activation time.

**INTELLIGENT: USER INTERFACE**

In Standby state, the user sets Time and Cut settings, and is asked to connect a valid device and grounding pad. Generator automatically recognizes devices and makes available only appropriate modes.

The Ready Screen appears once the grounding pad and valid device are connected.
## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model number</td>
<td>RFP-100A</td>
</tr>
<tr>
<td>RF Energy</td>
<td>468 kHz, Sinusoidal</td>
</tr>
<tr>
<td></td>
<td>Maximum output power of 50 Watts</td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>Durations from 300 or 1000 ms ± 5 ms</td>
</tr>
<tr>
<td>Count-up Timer</td>
<td>Settable from 1-10 seconds (Device dependent)</td>
</tr>
<tr>
<td></td>
<td>Display resolution: 1 second</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Width: 11.25 inches (28.5 cm)</td>
</tr>
<tr>
<td></td>
<td>Length: 15.6 inches (39.6 cm)</td>
</tr>
<tr>
<td></td>
<td>Height: 7 inches (17.8 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>20 lb. (9.1 kg)</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>100-240 V~</td>
</tr>
<tr>
<td>Current Rating</td>
<td>5.0A, 50-60 Hz</td>
</tr>
<tr>
<td>Power Cord Length</td>
<td>10 feet</td>
</tr>
</tbody>
</table>

**WARNING:** The RFP-100A RF Puncture Generator is designed and intended for use with devices designed by Baylis Medical Company.

## Accessories

- RFP-100A Footswitch
- RFP-Cart

## Multi-platform design for maximal hospital value

**NRG® Transseptal Needle**

The NRG® Transseptal Needle is uniquely designed to assist the physician in gaining access to the left atrium.

**PowerWire™ RF Guidewire**

The PowerWire™ RF Guidewire is used to cross lesions in occluded blood vessels that are difficult to cross with a standard guidewire. *

**Nykanen RF Wire**

The Nykanen RF Wire is designed to create a controlled puncture in tissue.

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*The PowerWire™ RF Guidewire is cleared by FDA to create a channel in totally occluded peripheral vessels 3 mm or greater.

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Before use, consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and instructions for use.

CAUTION: Federal Law (USA) restricts the use of this device to or by the order of a physician.

Patents Pending and/or issued