



RFP-100A
RF Puncture Generator

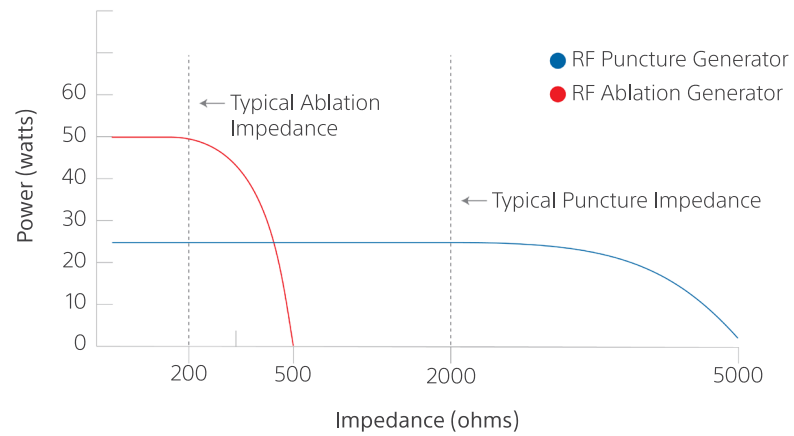


CONTROLLED TISSUE PUNCTURE USING RADIOFREQUENCY ENERGY

RFP-100A RF Puncture Generator*

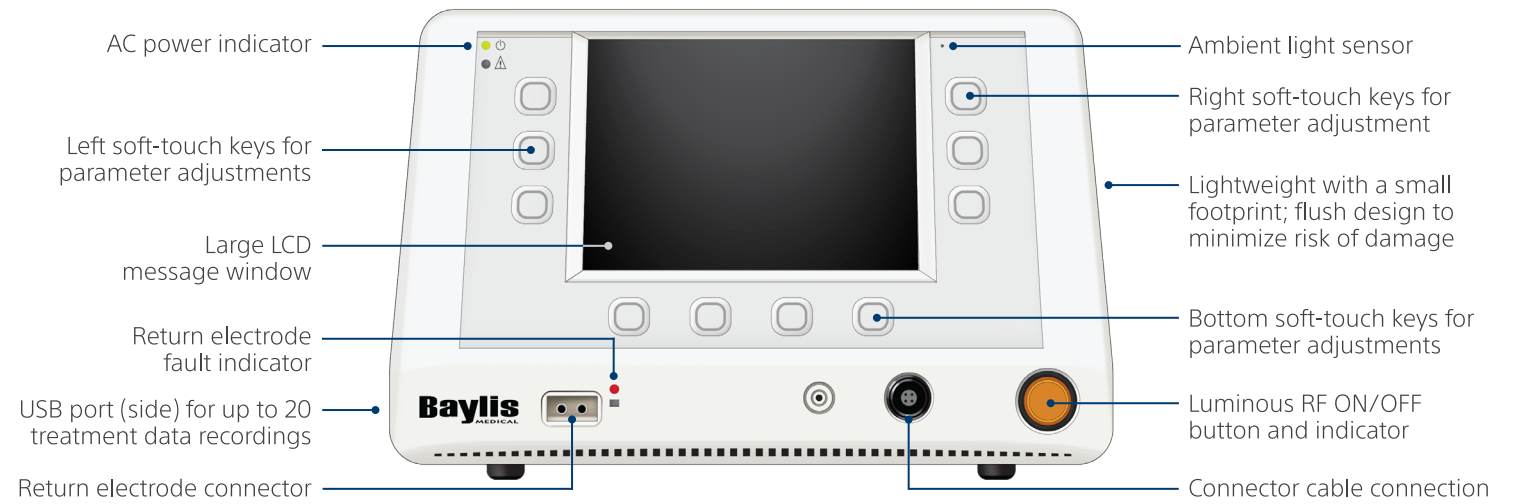
RF Puncture vs. RF Ablation

Voltage Differences Between RF Puncture and RF Ablation



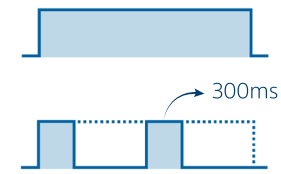
High impedance conditions are key to create a precise puncture in tissue with minimal surrounding damage. The RFP Generator is designed to function at high impedance, whereas a typical RFA Generator is not.

Features



Custom RF Settings

Use Constant Mode or Pulse Mode, and customize settings to your preference. Improved cutting ability enables shorter RF activation time.

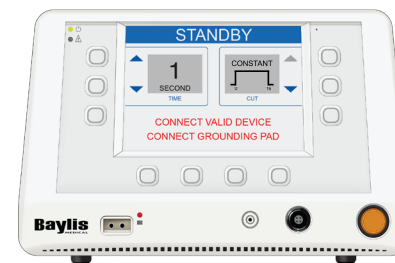


Constant Mode: Continuous RF delivery

Pulse Mode: 300 ms pulsed RF delivery per second

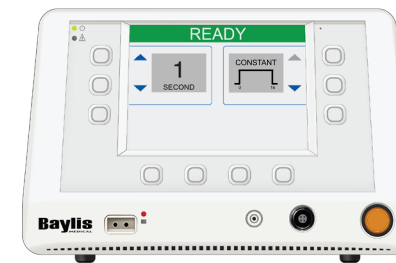
Intelligent Interface

Adjust settings in standby state. Automatic recognition of paired devices.



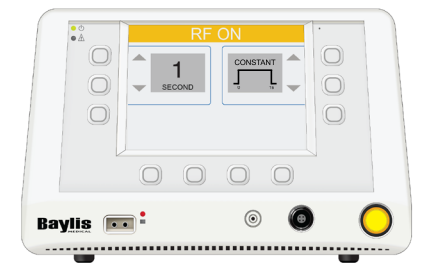
1 STANDBY

Connect grounding pad and connector cable. Generator automatically recognizes devices and makes available only appropriate modes.



2 READY

With all components connected, select desired Time and Cut settings. Using footswitch or RF ON button, initiate RF.



3 RF ON

Once RF ON button is pressed, generator enters "RF ON" state. Elapsed time is displayed during RF delivery. Screen will maintain until RF delivery concluded.

RF Puncture

Objective	To create a small opening in tissue
Occurs under these conditions	Low power (5-25 W)
	Short duration (1-3 s)
	High voltage (270-400 V)
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 these conditions	High power (30-50 W)
	Long duration (60-90 s)
	Low voltage (35-50 V)
Impedance range	150-300 Ω
Thermal destruction of surrounding tissue	

RFP-100A RF Puncture Generator

SPECIFICATIONS

Product Code	RFP-100A
RF Energy	468 kHz, Sinusoidal Maximum output power of 50 W
Duty Cycle	Durations from 300 or 1000 ms \pm 5 ms
Count-up Timer	Settable from 1-10 s (Device dependent) Display resolution: 1 s
Dimensions	Width: 11.25 in (28.5 cm) Length: 15.6 in (39.6 cm) Height: 7 in (17.8 cm)

Weight	20 lb (9.1 kg)
Input Voltage	100-240 VAC
Current Rating	5.0 A, 50-60 Hz
Power Cord Length	10 ft

⚠ WARNING: The RFP-100A RF Puncture Generator is designed and intended for use with RF transeptal solutions from Boston Scientific.

MULTI-PLATFORM DESIGN FOR MAXIMAL HOSPITAL VALUE



VersaCross™ RF Transeptal Solution

The VersaCross™ RF Transeptal Solution offers all-in-one versatility for transeptal and beyond in a single device.



NRG™ Transeptal Needle

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

*Baylis Medical Company Radiofrequency Puncture Generator RFP-100A. Baylis Medical Company is a wholly owned subsidiary of Boston Scientific Corporation.

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