

In-vivo and In-utero Electroporator SP-4a

Optimized for in-vivo and in-utero applications. For this reason it has extremely high output current capability on an affordably secure voltage level.

Output voltage ranges: 0 – 200 V, or 0 – 400 V. These ranges are optimal for applications in living tissues. The output voltage range is set in the manufacturing process. You should specify the desired voltage range in the order.

Manual output voltage adjustment with a 10-turn precision helical potmeter

Output impedance: 33.6 Ohms

Real (true, pure) output voltage indicator LED on the front plate

The timing parameters are controlled by a built-in RISC microcontroller in a user-friendly menu system

Display: 4 x 20 characters alphanumeric LCD with bright blue backlight

The working parameters are stored in non-volatile memory

Functions:

- Single Pulse mode
- Burst mode

Number of output pulses: 1 - 99

Pulse length: 1 – 250 ms (adjustable in 1 ms steps)

Pause between the pulses: 10 ms – 60000 ms (adjustable in 10 ms steps)

Mains voltage: 115 / 230 V AC, selectable

Manual Start or externally controlled activity (may be used together, independently of each other)

Double security insulation from mains

Emergency Stop capability

External Start Pedal input on the back side

5 years of full warranty